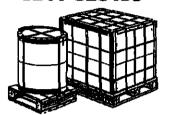
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Shrinkwrap choice for books

Speed, compact design and price were key considerations n Penguin Books' choice of an Adpak EFK250 shrinkwrapper for multipacks of its books.

Replacing a manual system, the Adpak machine is being used at the publisher's Harmondsworth operation to wrap collations of 12 assorted titles. These are destined for airport retail outlets, which require stock supplies in small quantities.

> "Presence of packs is picked up by a photocell"

Books are shrinkwrapped at speeds of up to 30 collations a minute, and the machine can take dimensions up to A3 size. Presence of packs is picked up by a photocell, allowing random-length objects to be wrapped.

The single-phase fullyautomatic machine is also equipped with teflon-coated sealing jaws and a scrap takeaway facility.

Penguin is using Cryovac's MR shrinkfilm, which combined with the performance of the machine gives

PALLET SYSTEM

Continued from front page

Finnish manufacturer Marli

Oy is installing a second full-

web wrapping version of the

system for its cartoned drink

line. This gives a good-looking

pallet, says Mancon, which

allows the single sheet of film

to be cut down to the required

level as cartons and layer-trays

POLYETHYLENE

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PALLET COVERS ON THE

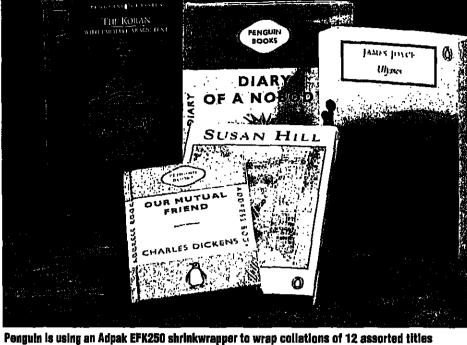
ROLL AND SHRINKWRAP

• LOW COST

SPECIALISING IN —

are removed in-store.

melt system.



quality multipacks which are strong and offer good clarity, says Alison Horsfall, sales and marketing manager at Adpak (17 Kenyon Road, Lomeshaye Industrial Estate, Nelson, Lancs BB9 5SP - tel: 0282 619200, fax: 612201).

"The technical backup and helpful advice we always received from the Adpak staff

The Marli line, which has

pallet wrapping as a separate

unit, will operate at 6000 bricks

an hour, but will be able to

Mancon and Maxim have years

of experience in stretchwrap

technology, and the current

system employs power pre-

stretch, plc control and film

heat cutting against a teflon

scaming unit rather than

RELY ON SUSSEXPOLY WITH OVER 20 YEARS EXPERIENCE IN

OUALITY FLEXIBLE PACKAGING

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WHEN QUALITY COUNTS ...

reach 8000 an hour.

was important to us. The efficiency of our packaging department has been increased and running costs reduced by the implementation of the new

director at Penguin. Penguin first saw the machine operating at the PPMA Show in 1992, and the

against the pallet load. Top-

sheet drawing for sealing of the

of the service and engineering

side of our company," says

Jukka Tamminen, md at Man-

con (Wakefield Commercial

Park, Bridge Road, Horbury,

Wakefield WF4 5NY - tel:

lation/palletising unit uses per-

forated layer sheets which lock

Another version of the col-

0924 277070, fax: 275688).

EN 29002/ISO 9002/B8 5750

APPROVED BY BVQI

"We are particularly proud

pallet top is an option.

machinery and shrink film,"

screw-top leaks installed model has been ope tional for around six months. Adpak, authorised dis-

tributors of Cryovac shrink film, is now also the sole UK agent for equipment from US says Brian Parratt, distribution company Polypack, complementing its own range of packaging machinery.

bottle necks into place ensure that shoppers do not remove bottles from lower levels of the display, so making it

available as a separate unit.

According to the company, a patented rotary capper from GEI F display pallets are particularly suitable for discount ware ik of leaking screw-capped house-type displays of prod- nainers as a result of inaccuuets such as pet-bottled drinks e automatic application is For further K2 Call for the day to be virtually eliminated information 154 0839 7122 a patented rotary capper

w available from GEI Fill-Capping & Labelling Ltd. This claim is made followthe development of comter controlled individual to motor drive for each capchuck which replace the ventional mechanical drive

shafts and torque-limiting clutches. This is said to allow an on-machine quality control

Conventional systems are rarely able to maintain applied production torque levels consistently better than ± 30 per cent. says the company (Waverley House, Farnham Trading Estate, Farnham, Surrey GU9 9NN - rel: 0252 733212). According to Glyn

check over each container.

Cap motor stops Redesign adds life

To consolidate the company's position at the top of the medicated sweet market, point of sale presentation and packaging of Halls Mentholyptus range

"The conventional mechanical capping chuck drive has not changed in principle for several decades," he says, "Its main drawback is that once pre-set torque is reached and designed by the clutch trips out, the momentum of the chuck, running at Consultancy Ltd. about 250rpm, continues to Traditional

eral maanger at GEI Filling

Capping & Labelling, the Dico

ETS machine represents a fun-

damental redesign of capping

machinery operation.

rotate the cap.

THE COMPLETE NEWS SERVICE FOR BUYERS OF PACKAGING EQUIPMENT, MATERIALS AND SERVICES

colours associated "Since this force depends with the pack have on machine speed, which can vary, it is extremely difficult to vide it with a consispredict accurately the ultimate tent look. However, the torque. On a large cap such as Halls logotype has been a coffee jar closure, as much as emphasised by using colour highlighting and a tinted foil outline. The Vapour 50 per cent of the torque applied can be in this way,

Action flash has also been which is not controllable." In contrast, the servo implified and angled to motors of the Dico ETS allow strengthen the message, and torque to be achieved accuratengredients listings have been ly by limiting the current availmade more legible by updatable to the motors. However, ing the typeface. to establish that set torque has

Display cartons with either 36 or 40 packs of sweets have been coordinated for shelf and counter visibility, and the header card, a feature of the old display cartons discarded. Instead the earton interiors have been printed in the appropriate flavour colours.

Clean-room provision 4 Earlier work on Halls Increased use of flexible ibes in food and pharmaceuticals has ked to expansion of clean-room facilities. Soothers, which helped win the sweet's current 12 per cent market share within a year of Meet the Association 10 its launch, secured

Fitch (Porters South, 4 Crinan Street, London Milk Wars N1 9UE - tel -071-278 7200, fax:

071-833

Men-

colours have

been retained

Scamus Mulligan, senior

product manager of Warner-

Lambert, says: "It is a difficult

challenge to add new life to a

well-established and successful

brand, but Fitch responded

with imagination."

Compacting equipment aids recycling
How to make the collection

MARCH 1884

WHAT'S #

lpack ima A preview taste of Italy's main exhibitors at the renowned packaging and food processing machinery, packaging and materials show.

Creative Packaging 34-41
A stand-by-stand guide to the
Creative Packaging show.

Packaging design technology Costs and closer cooperation along the packaging chain. We explore the ways design technology software ensures savings without

REGULARS it was Peckaging News Then 10

Company News CLASSIFÆD ADS størt on page 87 APPOINTMENTS start on page 70

Continued on back page inancing problems remain n UK industry waste plan

mpanies have until April to respond to proposals n the Producer Responsity Industry Group (PRG) mitted to the Secretary of t for the Environment last nth. Doubts continue

it the plan's financing and viability of reaching conus on - and getting legive backing for - the levy ovide it. SUSSEX POLYTHENE, LTD. the plan proposes an

BRIGHTON RD., SHOREHAM-BY-SEA ase in "value recovery" of SUSSEX, BN43 6RE, ENGLAND estic and commercial/strial packaging waste to

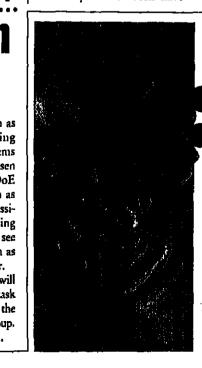
58 per cent by the year 2000. The PRG was set up with a brief from the DoE to come up with a viable plan for handling packaging waste in the UK.

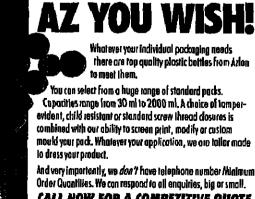
It is proposed that Valpak, an industry organisation, will administer the scheme, working with individual MOs (material specific organisations). It will collect and allocate funding, which the PRG estimates will require around £100 million over the next two

to three years. A levy will be raised, but

no decision has been taken as to where in the packaging chain this will fall, Problems are said to have already arisen over this issue, with the DoE pressing for its application as close to the consumer as possible at the packing and filling stage, and retailers eager to see it applied as far from them as possible - with the converter.

An independent expert will be handed the unenviable task of resolving this issue, says the Producer Responsibility Group. See page 9 for full report.





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PACKAGING NEWS/FEBRUARY 1983

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WAD IN THE PAGES FOR PACKAGING PRODUCTION & PRINT PAGE 40

Any reader, especially from small to medium size businesses, who believes that the Producer Responsibility Group (PRG) proposals to government, outlining industry plans to handle packaging waste, have nothing to do with them should think again...(see pages 1 and 9).

In fact, don't just think again but get hold of a copy,

consult with colleagues and then act. You have until April 15 to make your views known to PRG (5th Floor, Villiers House, 41-47 The Strand, London WC2 5QB tel: 071-839 1144, fax: 071-839 4304).

In brief, the plan proposes an increase in 'value recovery' of domestic and commercial/industrial packaging waste to 58 per cent by the year 2000. At the risk of stating the bleeding obvious, this is only six years away and, considering the low start point, a lot of work has got to be done, and at what cost.

This is why it is essential that views on the scheme should be known NOW.

Please do not think that as the PRG members represent large companies - the likes of Procter & Gamble, Tesco and ICI plc - that they are going to take overall responsibility, especially in the still contentious area of funding. Don't be mislead into thinking that just because your company is not a multi-million pound concern that this will not affect you.

Even though the government seems unwilling to bring smaller companies into line on levy raising through compliance legislation, the possibility of legislation has never been excluded by Environment Secretary, John Gummer.

First estimates put funding required at around £100 million over the next two to three years. It should be borne in mind, however, that the DSD system in Germany has had to be bailed out and that the Eco-Emballages plan in France has also run into some problems.

Action on environmental issues in the UK has been somewhat ponderous up to now, to put it politely, and many companies could be forgiven for thinking that plans would never come. This is no longer true - this time it's for real...

Also real is the threat of increased costs to British companies of implementing EU environmental policy over the next few years, according to a report called EC Environmental Policy Monitor, published last month.

"British business must lift its attention beyond the recession to the medium-term challenge of the Community's environmental agenda," says the author.

Consulting and influencing European egislation is not easy - commenting on the PRG plan could not be easier.

Don't waste the opportunity... Gail Lea, Editor

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meet any particular order.

GBE's machine operates

with 12 sizes of magazine-fed

blanks, measuring from 623 to

1791mm wide by 1070mm

long and plug erects the cases,

first creeting the base, then the

six cases a minute are achieved,

Oval cartons for breakfast cereal

CPS (7, Marketplace, Saffron

Design agency Wickens

Tutt Southgate (10a Frederick

close, London W2 2HD- tel:

0223 890111, fax: 513601).

Walden, Essex CB10 1HJ - tel: CPS:

Mechanical speeds of up to

hooded lid.

One-piece, hinge-lid corrugated cases for rolls of photographic film and paper produced by Kodak, in up to 30 different widths, are now crected

automatically in house from flat blanks, reducing storage space and material cost compared with the bought-in pre-erected fibreboard cases and lids previously employed.

Kodak packaging development engineer Dave Craig says: "We can now take a flat blank and make the One-piece, hinge-lid cases used for Kodak products box up, where previ-

ously, with the two-part box, huge volumes of storage space were required."

Fully motorised, size changeover on the two stage erector, purpose built for Kodak by GBE Lerner-Burgess (Fleming Road, Hinkley, Leics LE10 3DU - tel: 0455 613888, fax: 618538), takes less

Development and ownership

of the design and complete

packaging system is behind

Quaker's move into oval-sec-

tion cartons for a double

Two Quaker products,

Feast of Flakes and Whole-

grain Feast, have been

launched in oval cartons

which, research suggests, con-

sumers find easier to handle

and pour. The tamper-evident

carton, designed by consultant

CPS International, uses plastics

3D design and machinery

development, with full intellec-

tual property rights going to

Quaker. The manufacturer

clearly hopes that this will instil

life into a market in which new

"Packaging is emerging as a

powerful media too, which

from a commercial standpoint

has the potential to influence

consumer preference just as

departures are very rare.

CPS was responsible for

end pieces for resealability.

breakfast cereal launch.

than two minutes allowing the gated insert can reduce the minimum number of cases to be erected economically to practical speed to between two and three cases a minute.

"We can now work on a just-in-time basis," explains Mr Craig. "Size changes in less than two minutes allow very small batches to be produced." An additional requirement was to minimise light penetration into the box, allowing a range of products to be stored under fluorescent lighting.

This is achieved by a

combination of a full height hooded hinge lid, full width end flaps and an extra fold-over front wall and inner base which crushes into the case to form tight corners. A further corrugated insert is placed over the film as it is loaded by hand to form an inner lid, says GBE.

Foam-filled pp jars offer savings Skineare specialist Jafra Cov-

metics International has adopted foam filled, one-piece pp jars that are believed to be the

Gail Lea 08120: its Royal Jelly Body Complex. Deputy Editor: Camila Reed News Editor: Paul Gander

echnical Consu Raymond A Silk, Flore Plan Advertissment Manager: David Chadd Sales Executive: Hazel Barry 081 242 Classified Advertisement

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Publication Secretary: Helen Kkafas Credit Control: lanet Ford Circulation: Jenny Anthony Group Publisher:

Julian Maddocks Annual subscription £60 fo and Europe. Elsewhereint world by airmail 190 or 169 sea mail. Single copy rate의 ISSN 0030-8133

Directorale: Douglas Wrigh (managing director), Deck Jones, Ronald Osborne, He Botting (vice president, European Publishing)

A Maclean Humo Publication Maclean Hunter House, G Lane, Cockfosters Road, Bi Herrs EN4 OBU Fax: 081 242 3154 Northern Office: Carrington Business Park, Urmston, . Manchester M31 4QW-w 776 4015, fax: 061 777 6628 Heybridge, Essex

[BBP]

Explaining the develop-

Benefits of the containers

in May. They will replace white opal glass versions that had the same internal and external dimensions.

first of their kind in the UK for The area where the walls and base meet is rounded, with Jafra has worked closely no undercut at the neck, to with ACI Rockware Plastics in allow for easy removal of the developing the process to manentire contents. Containers can ufacture these heavy walled, be printed or sprayfrosted to one-piece plastics jars, a move simulate the appearance of driven by safety and savings. It acid-etched glass containers. means that a lookalike alterna-

ment, Dave Watson, director of sales and marketing at ACI says: "The foam additives technology already existed but was used by the automotive industry for steering wheels. We have taken this and developed it for containers."

are that they are mono-material, lighter, use no colorant, are easily recyclable. Existing moulds used for glass can be copied for the plastics version, says ACI (Skerne Road,

The foam-filled polypropylene lars by ACI Rockware Plastics

rev KT2 5AE - tel: 081-546 1161, fax: 081-541 5648).

Jeff Laidlaw, purchasing and packaging development manager at Jafra, says that

runners of a full range of foam filled pp jars currently being developed by ACI, Production of a 50ml container has already begun and Mr Watson says this will become a standard mould. In future, five sizes will be produced: 15, 30, 50, 70 and 200 ml.

working on a basis of 400,000. units, including the cost of custone-made tooling built by ACI, payback will be within a

year. The savings will be 30 per-

cent on the current luxury

glass containers and further

savings are also envisaged in

duced for Jafra are the fore-

The 200ml containers pro-

transit and storage.

Jars manufactured by this process have a thick sectioned wall and base configuration with foamed pp the central core between the smooth innerand outer surfaces.

For further K8 Call for details information 134 0839 77226

Software gives X-ray detector control

On a line speed of 1m a

ried out on up to 180 packs a

minute on the standard Ultra-

A higher grade version will

process up to 400 units a

scan system

an X-ray contaminant detector from Yamato Lock Inspection Systems to better the reliability and throughput of equipment currently on the market.

tive to opal glass containers

and two-piece, double walled

"One-piece,

heavy walled

plastics jars"

Jafra's Royal Jelly Body Com-

plex will be the first product in

these 200ml, wide mouth jars,

which will be launched into

Europe, the USA and Mexico

plastics jars is now available.

Using processes developed by the controls and manufac-

Ultrascan contaminant detector: high detection, fast throughput

Signed,

Sealed

Yamato Lock parent company Trans Tee, the Ultrasean is said to be unlike other systems available in being able to go beyond their simpler threshold mechanisms and compensate for non-homogeneous product.

minute, says the company. Algorithms used on the system allow for the detection not only of metal, but also glass fragments, stone, bone and high density plastics. High speed real time processing contrasts different images captured from the pack to arrive at an accurate analysis two or three times faster than previously possible, says Yamato Lock (Neville Street, Oldham, Lancs OL9 6LF - rel: 061-624 0333,

> fax: 061-624 5181). According to sales manager

400 to 800 mm foot operated film bag scaling units for air and

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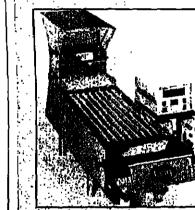
hand held hot sealing pliers for bulky objects.

The Fermant range of Film sealing machines

extended claims have been made about many of the X-ray systems now available. While a system that works on a simple threshold basis may be reliable in singling out contaminants such as metals, he says, it would not have the same reliability for other materials.

Change of the function code will allow for the performing of different checks, such as those for damage or missing items, as well as for contamination of various types. But while programming can permit the scanning of mixed pack and product types, simultaneous running of these different functions is not possible.



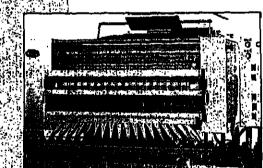


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much as advertising," says 071-262 1707, fax: 071-262 For further KG Call for details Andrew Streeter, director at 1512) was responsible for

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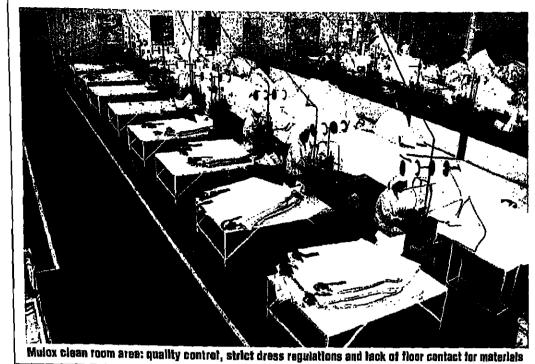
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PACKAGING NEWS/MARCH 1994

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Making clean-room provision for flexible ibcs



Increasing use of flexible ibes in the food, pharmaceutical and other hygiene-conscious industries has led manufacturer Mulox IBC Ltd to devote proportionally more of its production space to clean-

Customers in these sectors have been moving from smaller units for powdered and particulate products, and momentum has increased since the introduction of regulations for the manual handling of loads. At the same time, companies began to demand that not only inner liners, but the ibes themselves be made under hygicnic

Mulox reports that its clean room area has been enlarged five times since production under special conditions began

in early 1992. It is estimated that up to 70 per cent of production from its Stoke-on-Trent factory will, by the end of the year, come from the clean-room section. Currently output from this section is 8000 a week out of a total of around 20,000.

Clean cutting of the woven pp sheet to avoid stray threads or particles combines with extraction systems, rigorous quality control, strict dress regulations and lack of floor contact for materials to ensure the

Apart from the standard range of single- and multitrip four-point lift fibes, the clean room section can be used for production of the static conductive Mulox Elec-

optimum conductivity when there is a risk of static build up during emptying and @ ing, and so of explosions.

Other options such as the Quadro, which retains its cube shape when filled a tured hygienically.

packed in hygienically manu tured ibes is long; while amou products filling pharmaceutic companies' ibes are antibiote glucose, paracetamol and aspir

These companies tend tok! ultra-cautious," says Charles Futerman, and of the compa (Grindley Lane, Blythe Bridge Stoke-on-Trent - tel: 070 388122, fax: 0782 388133).

The single reason for choosing East Kent?

Here are a few more...



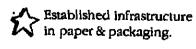
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Better pos presentation of frozen meat and fish

A cost-effective system for packing frozen meat, fish and poultry products in a double layer of pe film and so allowing improved pos presentation and protection, has been launched

by Trigon Packaging Systems. Twinskin is a remarkably simple patented system which uses two bags, one inside the other and joined at the neck with hot melt adhesive. Aimed for the moment at manuallypacked product, the preformed bags are drawn in a vacuum before scaling, with the inner layer clutching the product and the perforated outer remaining unaffected.

"Without added cost"

"One of the key things that food packers are looking for is solutions that improve the appearance and value of products without added cost," explains md Kevin Chubb.

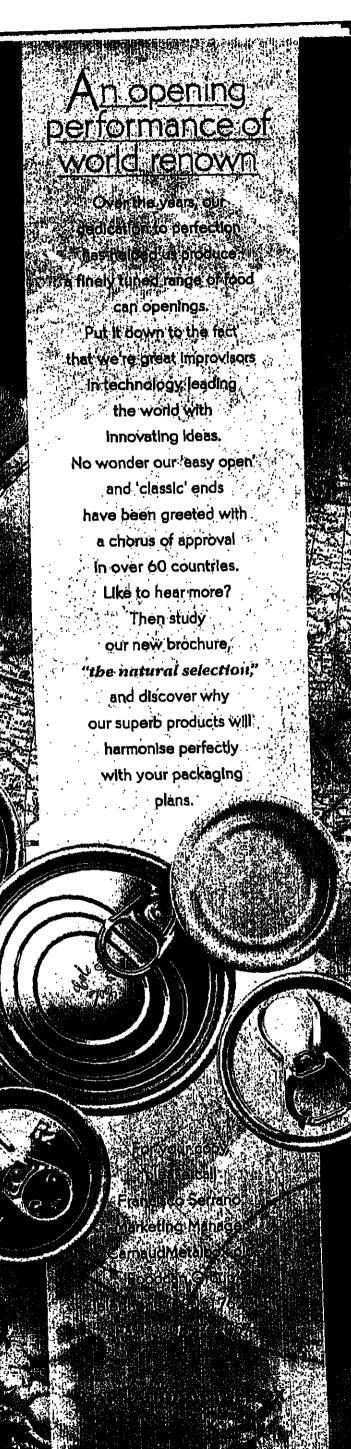
While still enjoying success with its principal pre-formed bag, Skinvac, Trigon was keen

to develop another system cater for lower value quantities and types of product. Where production processes

outer layer, can be flexo pri ed in up to six colours Trigon (Stafford Park Telford, Shropshire TF3 337 tel: 0952 290471, fax: 290950)

Trigon has recent installed a second Schiavi colour press. The company won a gold EFTA flexograph print award for a turkey supplied to Iceland Froze Foods. It was also recognise in last year's awards.

Apart from companio already using flexible package for frozen product which was to move away from vacuu pouches, overwrap film backing boards, Trigon belief many of those using cartol will switch to Twinskin.



Plastics bulk containers used to store pe resin

BASI ple's UK plastics divi-sion is now using Surface Modified Plastics (SMP) to store polyester resin for its customers purchased from Schutz UK Ltd. It plans to use SMP treated ibes throughout the rest of its European operations.

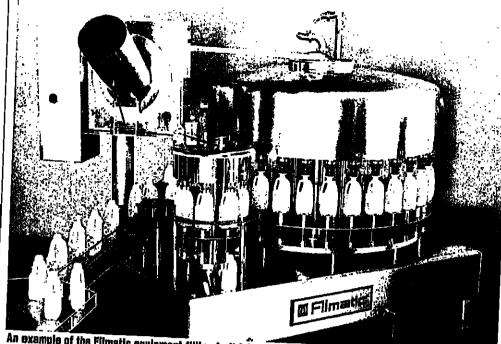
Paul Shrimpton, account manager for unsaturated polyester resins at BASF, tells Packaging News: "We are turning more and more to the use of ibe's because of the difficulties associated with drum handling and disposal.

*SMP treated containers are suitable for polyester resins not only because of the hazardous nature of the product but also because the SMP process helps retain integrity," says Mr Shrimpton.

Worksop, Notts S81 777. tel: 0909 478863, fax: 478864) developed the off-line fluorination process (SMP) to provide a double barrier to reduce losses through the container's hdpe walls.

The process exposes both inner and outer surfaces to fluorine gas, creating a double barrier layer. Coatings intensify chemical resistance against highly flammable, toxic and caustic materials BASF already supplies Schutz with the uv resistance high molecular weight hdpe which is used to manufacture the ibc's. Containers are SMP treated at Schutz' plant in Germany and then sent to the UK.

Bottle filling success



As the use of pe bottles in the dairy industry continues to grow, Paklink Ltd has been enjoying great success with the Filmatic machines it supplies, with one 18-head machine just installed at Lancashire Dairies.

Between 80 and 90 four pint bottles a minute can be filled on the 18-head model. Depending on fill volume and the number of heads, throughput can be up to 200 containers a minute on these level filling machines. At larger commercial plants, installations have been fitted with up to 36 heads.

modern technology and high quality results, Filmatich: resisted the temptation to ma its fillers too complicated," 52 Paklink md Patrick Strachan Change from two-pints

"While it offers the mo-

four-pint filling can be carre out in around 20 minutes, say Mr Strachan, Competitive pra-ing and design for long, contiuous shifts were behin Lancashire Dairies' choice of the machine, says Paklink (We hourne House, Lenten Street Alton, Hants GU34 1HH-ti 0420 541111, fax: 89278).

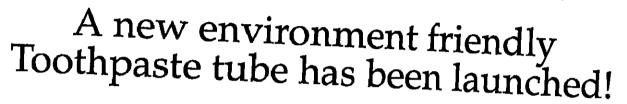
The South African-buil machines are designed to allow the removal of filling value from outside the tank. Cos veyor speed is automatical controlled to take account a downstream problems such a bottle congestion.

Damage during capping 3.3 minimised by a soft-star. mechanism. To save space, the cap feeder projects from the front of the machine.

Smallest of the Filmatic machines is a two-head handfed system which occupies jue one square metre of floor space Larger machines offer clean in place. If necessary, a separate steam heater and tank can provide a more flexible alternative to the ring main.

Apart from fillers, Paklin can supply a variety of up- and downstream equipment and it a licensee for Blackhawk caps.





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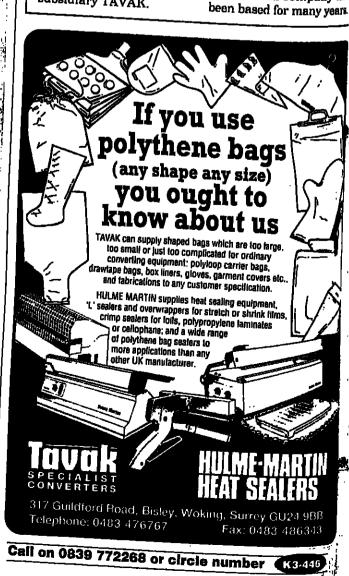
The important thing is, the new laminated tube is environmentally friendly and recycla-

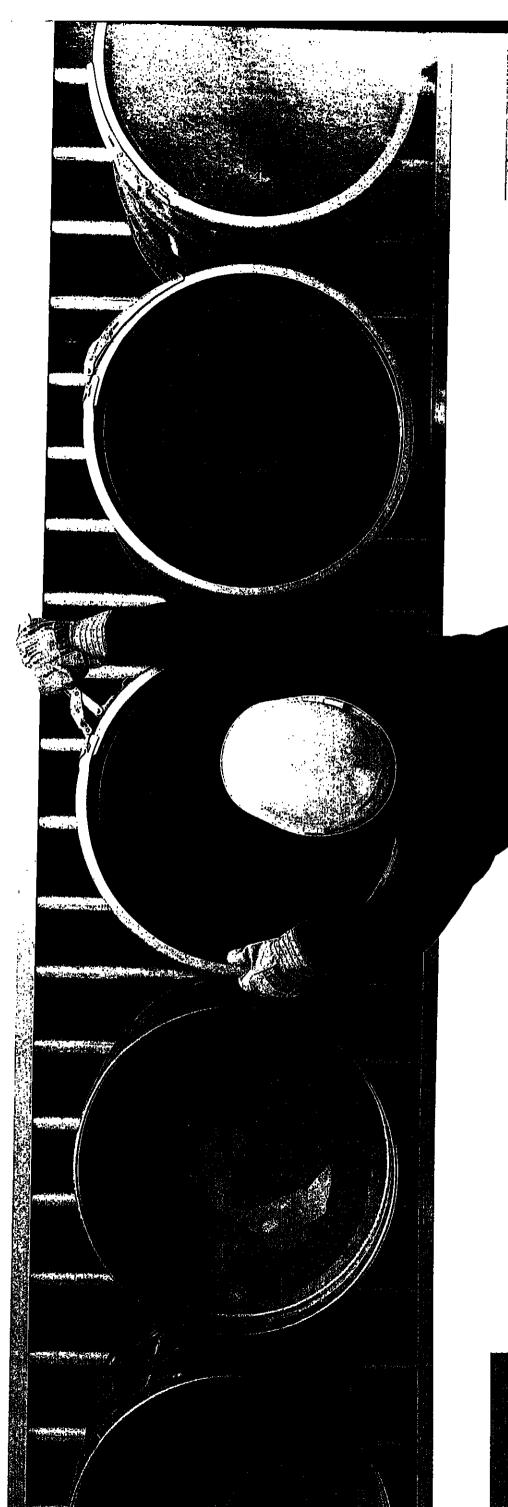
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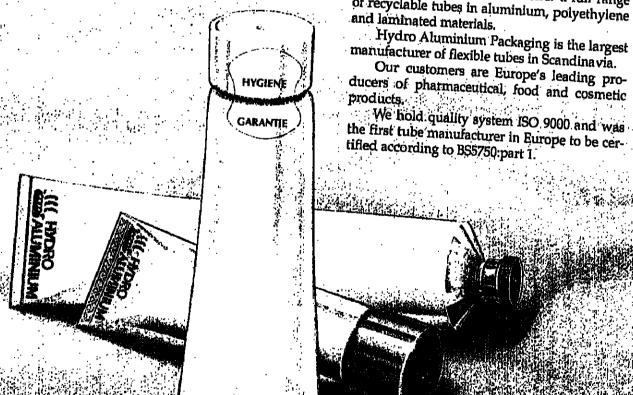


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Low-cost thermal transfer print with design flexibility

transfer printing is possible with a hardware/software combination available exclusively from LAC Systems, mixing design flexibility with tough construction.

Labelgem software, which LAC devised itself, can be used to bring together text, barcodes, sequential codes, lines, boxes and graphics. Ease of use was a major consideration, with an accompanying manual which was written with the non-computer literate in mind.

This means that the printer can be used by operators in

areas without specific technical know-how Manuals accompanying other systems have required clarification

"Technical know-how"

for the end-user, says the company (900 Thornton Road, Fairweather Green, Bradford BD8 0JG - tel: 0274 483111, fax: 482191).

"A lot of other printers in this price bracket have only a flimsy plastics shell,"

ways Mark Stochers of LAC. The all-metal cabinet and roll holder are said to be ideal for more hostile non-side non-side

up to 70mm a second at a resolution of 6 dots a mni. Maximum print width is 53mm. Character size can vary from 0.83 x 0.83mm to 42 x 60mm.

In the next few months, LAC will be applying the software to the TEC range of printers, and the company has no immediate plans to take it beyond thermal/thermal transfer.

LAC sees itself as a software house in its own right, as well as a supplier of dot matrix, thermal and laser hardware. The company is also keen to work with label converters to set up in-house variable image printing.

Dar is being used at BPC Digithe greatest extent," explains tal Arts to provide the hair general manager Gary Little. colourant industry - one of the most demanding types of cus-

tomer to benefit from on-

screen design - with options,

variations and high quality

Five-colour cartons

designed for Wella's Colour

Confidence range show the

potential of Digital Arts' sys-

tem, which includes Barco

Graphics 2400 and 2200 work-

stations, Digipack software,

AppleMac Quadras, Barco

laser scanners and thermal

proofer and an Iris inkjet. "This

results for its cartons.

colourant cartons

After lifting and retouching images electronically from master photography, Digital Arts can develop exact colouring and give a number of different tone and highlighting options for skin and hair.

Starting with a scatter proof, the company can adapt the initial image according to the customer's comments, import these changes onto the carton shape and create a bulk proof.

Use of this system also means that the same basic image can be transferred from carton to carton in the range. Once stored, the same image can also be used in generating films for magazine advertising, sales aids, or pos display.

The Wella cartons use six colours plus varnish over a range of 15 product variants.

Mr Little says there are no advantages with using dar for one-off cartons, but systems such as that at Digital Arts come into their own when ranges of packs need designing, and especially where on-pack pronotions are adopted.

"We have a complete cradle to grave integrated system from scanner to image setter," says Digital Arts (Malvern Road, Furze Platt, Maidenhead, Berks SL6 7RF - rel: 0628 73739, fax: 73999).

After a year under its independent identity within BPC as Digital Arts, the company is balancing its role as the design arm of BPC Taylowe, of which it was originally a part, with an increasing capacity for serving customers outside the British

Printing Company.
Still neighbours, Digital Arts and Taylowe can work





BPC Digital Arts has developed

together closely on design

development from 2D to 3D,

with the carton company using

Misomex software on its outline

work and able to import profile

into the Digital Arts system.

These initially guaranteed prices would in the longer term be replaced by guaran-

> There are still major concerns about the availability of markets for recycled materials. Though in theory markets may be there, their development may itself absorb a proportion of available finance in subsidies.

teed markets, he says.

subsidies to establish end mar-

kets in materials recycling

could upset projections from

the Producer Responsibility

Industry Group (PRG) - sec

also page 1 - on the financing

of its waste management plan,

according to industry experts.

Lessons in financing and

recovery targets have been

learned from other European

national systems such as Eco-

Emballages in France, says the

group. Chairman of the PRG's

working committee Peter Hin-

dle rejects suggestions that the

envisaged funding will not be

enough. "We've looked very

hard at how we can get costs

out of the system before we

have even started," he told PN.

higher recycling targets, Val-

pak will have to work with

local authorities and the waste

management industry to

expand collection and sorting.

By the end of 1996, 15 per cent

of homes will be covered by

domestic and "high density

bring" collection systems, the

financing local government

will be through guaranteed

prices for collected and sorted

materials," says Mr Hindle,

European environment coordi-

nator at Procter & Gamble.

"The main mechanism for

PRG predicts.

In order to achieve the

Friends of the Earth (FoE) criticises the PRG for lack of

financing the scheme is to be raised or spent, and ministers for making a series of meaningless threats, "The government seems more concerned about

heading off legislation than environmental protection," the fairest option.

Though compliance legislation for raising a levy has never been excluded by Environment Secretary John Gummer, there are increasing doubts about the government's willingness to bring smaller companies into

'Value recovery' of waste includes incineration for energy recovery. More than four times the quantity going for incineration now will be burned for energy by the year 2000, the plan proposes.

line in this way.

says a spokesperson.

"Increasing

Industry sources see this as being a potential problem area, with long lead times for construction and for the build-up of tonnage where new incinerators are built. There are no proposals as to how development in this sector should be financed.

"Many industry sectors have not been involved in the discussions until now, and these include a wide base of fillers, converters and retailers of all sizes," says Peter Davis, chief executive of Incpen, who sees the consultation period as vital. Like Incpen, James Jensen of the Packaging Federation welcomes the active role of industry in the formulation of the plan.

Reaction from the British Plastics Federation (BPF), which has had many of its members involved in preparation of the PRG plan, has focused on the proposals for developing incineration as an option and end markets for recovered material. Unsurpris-

application of a levy as close to the consumer as possible at the packing and filling stage.

While welcoming the proposals and in particular the role of energy recovery, the Packaging and Industrial Films Association (Pifa) believes that a levy on retailers should be considered, arguing that this is

Written comments on the proposals from the PRG (except the issue of where the levy will fall, which will be handled by the independent expert) can be sent to PRG Information Office, 5th Floor, Villiers House, 41-47 The Strand, London WC2 5QB. (Tel: 071-839 1144, fax: 071-839 4304). They should arrive

by 15 April 1994. For further K3 Call for details Information 140 0839 772268

Quantities by year ('000s tonnes) 2000 **FOTAL PACKAGING WASTE** Domestic 3600 3757 Commercial and Industrial **OTAL QUANTITY RECYCLED** from Domestic sources 513 1306 from Commercial and Industrial sources TOTAL RECOVERED BY WASTE TO ENERGY 150 TOTAL DIVERTED FROM LANDFILL 2349 4653 VALUE RECOVERY (%) 58 RESIDUAL PACKAGING WASTE TO LANDFILL 3398

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Fighting to promote industry benefits

The much heralded Packaging Federation was officially launched in December 1992 following the appointment in October of that year, of James Jensen as its inaugural director general.

The launch followed many months of speculation and activity, which began with representatives of companies such as Lawson Mardon Group, Waddingtons, Courtaulds, Rockware and Plysu discussing the need for one organisation to represent the interests of the entire packaging manufacturing industry.

These companies felt that the industry - which is the ninth largest manufacturing group in the UK with an annual turnover of \$8.5 billion needed to up its profile in all

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kinds of areas and to exert influence in, for instance, legislative and political arenas.

Mr Jenson is keen not to denigrate the work of sectoral trade associations, many of whom do excellent lobbying work, but the Federation members felt that the central message about packaging per se was being lost.

The group of companies at the launch have now grown to 21 - see table for full details and a coherent, focused plan of action is in place. Mr Jensen is quietly determined to adhere strictly to these plans which he believes are sensible and attainable. The Mission statement of the Federation reads

 The Packaging Federation will proactively promote the

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In this month's Meet the Association, Gall Lea examines the work of one of the youngest - The Packaging Federation - which was set up in December 1992 to promote the benefits of packaging and to combat negative publicity.

stature and importance of the industry, the products which it produces, the benefits which derive from packaging and the industry's responsible concern for both the community and

• The Federation's number one priority will be to improve significantly the perception of packaging by the public, opinion-formers and legislators. ● The Federation will also aim

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tion, the Federation set itself targets of producing a brochure about the benefits of to provide a forum and service packaging, called Packaging - a for packaging manufacturers fundamental life support sys-

pan-industry issues.

on policy matters of general

• The Federation will co-

operate fully with sectoral

trade associations and other

bodies in order to ensure that

the industry's position is fairly

and positively represented on

In its first year of opera-

industry interest.

tem, which has been distributed throughout the media. It was designed to provide a concise briefing document for busy journalists which could be kept on file for future use.

It has also been designed for politicians, especially ones on the environment committee as well as member company shareholders.

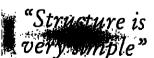
A Packaging Federation information file has been put together to serve a similar purpose. This consists of an overview of the industry itself as well as individual sheets on various sectors. Again these are designed to provide a snapshot view on the industry, which can sometimes produce ten brochures on just one sector.

Also included in the information file is a policy statement on the packaging manufacturing industry and waste management. Although the Federation is keen to emphasise that it does not wish to encroach on Incpen's remit (see Packaging News, January 1994) it feels that it cannot talk to journalists and the outside world about packaging without talking about green issues, as that is the angle the questions are usually asked from.

Mr Jensen believes that the arrival of the Producer Responsibility Group Plan (see pages 1 and 9) will make talking to journalists easier for the Federation as they can present a positive message about packaging waste.

Political lobbying was the third target set and culminated in a House of Commons reception for MPs on Budget Day last year, where the information file was also launched. Apparently the last packaging industry reception organised was in Harold Wilson's day.

Total turnout at the event was 84, which included 38 MPs and various trade associations and member company executives.



ing Federation is very straightforward, with no committees, councils or fulltime secretariat. Secretarial and accounting support services are supplied by the Institute of Packaging for an annual fee and Mr Jensen arranges four meetings a year for the chief executives of the

member companies. Mr Jensen was most recently involved in major To some people this is a work of art.

John Waddington plc fund raising as the national appeal director for the Cancer Relief Macmillan Fund before coming to the Federation. His background encompasses a wide range of senior executive roles with companies such as Procter & Gamble, J Walter Thompson, Spillers, The Pillsbury Company and the Shaklee

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Europe

Rockware Group plc

RPC Group pic

Sidlaw Packaging David S Smith Packaging

Smurfit UK Ltd

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Company

SCA Packaging Ltd

United Glass Ltd

'Proactive

This year's plans for the Federation - which he stresses is a member-driven organisation include being more proactive with the 'quality' national; regional, vertical and packaging press as well as other publications such as British Airways High Life magazine and BR's Inter City journal. The idea behind the regional press is to tie in stories with member companies in the area.

Asked what he felt the Federation had achieved in its first year, Mr Jensen says that although initial targets were met, there is still a long way to go. "We have laid the ground-work but we need to take this message out further and deve-

lop it in a bigger way. "We have carried our message to politicians and presentthe media with comprehensive data and information but we have not yet gotto the public." Plans for 1995 will include contact with consumer magazines.

The Packaging Federation can be contacted at : Sysonby Lodge. Nottingham Road, Melton Mowbray, Leics LE13 ONU tel: 0664 500055, fax: 64164.

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Patrick Wright has been appointed a director on the board of Jefferson Smurfit Group ple. Mr Wright, who is

chairman and chief executive

of Smurfit Ireland & UK,

Jan Schutz has retired as chief

executive officer of Graseby

Goring Kerr Inc. the US metal

helped to found and develop.

joined the group in 1974.

Angus Martin has joined Johnsen & Jorgensen as financial controller at the company's Dartford head office, newly relocated to Crossways Business Park.

Frei, who was previously sales

and marketing director for the

company. Nick Ward has

joined as director of marketing

PEOPLE 📆

Andrew Cova, general group director of Sun Chemical Ltd, the inks and pigments manuacturer, has been promoted to Sun Chemical corporate vice oresident, in the USA. Mr Coya will continue to have responsibility for Sun Chemical's UK operations.

Paul Hance has been promoted to be director of design services at international pack design specialist Siebert/Head. Damon Evison is appointed detection company which he technical manager on three-He is succeeded by Alfred dimensional design projects.



Mike Bradley of Printpack Paul Lucas has been made a Europe has been appointed vice technical service representative to provide national support for president elect of the Flexible Packaging Association. He will BASF's Oil Inks division's take over from David Beeby of sales team in all four product LMG Smith Brothers, the curareas - carton, sheetfed, heatse rent vice president in 1995/96 and coldset. when Mr Beeby takes over the presidency from Barry Nazer of Brand Packaging.

John Ball has been appointed sales engineer by Cintex Ltd. manufacturer of metal detection and checkweighing equip-Jean Luis Vinciguerra has replaced Jean Pierre Ergas as ment to cover its East head of Pechiney Internation-Midlands territory. al's packaging division. He will become president director general of Pechiney International.

Peter Bullock has been made Northern area sales manager of Sortaweigh, a manufacturer of weighgrading and checkweighing systems. Located on the Scottish borders he has responsibility for marketing all Sortaweigh equipment in Scotland and the North.

Sylvie Bon has been promoted to business automation manager at Fasson Roll Division. She was previously service manager in the division's logistics

Paul Lambert has been appointed manager of filmic products at Sterling Coated Materials Lad, supplier of silicone coated release liners.

Trevor Beckhurst has joined Jenco, the materials transfer. blending and drying engineer. as sales engineer for the Eastern and South East region.



John Porter has joined BPCC Numeric Arts, as manager of var operations with the objective of developing the company's support for its dealers. distributors and oems. Mike Oswald has joined as account manager systems.

Kevin Hallenbeck has been made international sales manager at CC1, the US image processing technology firm.

Brian Dillon has been made group purchasing manager for paper manufacturer Inveresk at Dunfermline. He was recently logistics manager of the group's Ready Drinks Division.

Generic designs help to counter visual violence



Refiliable washing powder cans with a bear decoration introduced by Speciality Packaging Benelux

Benchix consumers have the choice of a refillable washing powder can with a bear decoration introduced by Speciality Packaging Benelux, a division d CarnaudMetalbox.

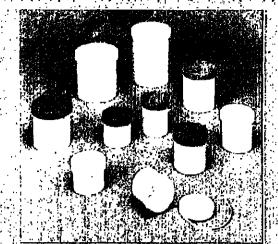
Similar cans are produced in the United Kingdom but do not include this design.

"The bear trend is something special compared to the visual violence of some of the well-known washing powder brands", says José de Vries marketing services manager at Speciality Packaging Benelux (UK contact: Rock Valley, Mansfield, Nous NG18 2EZ tel: 0623 22651, fax: 653481).

Varnished on the inside for rust prevention, the content of a can varies from 2 to 3kg. It is available in 187 x 144mm width by 160 to 255mm in height.

A number of other print decorations are envisaged for the re-fill cans, which are already widely used in Europe.

For further K3 Gall for details Information 185 0839 772268



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Steven Shuder has been appointed director of manufacturing at the new £13.5 million manufacturing complex of Consolidated Thermoplastics now under construction at the Sawcliffe Industrial Estate, Scunthorpe.

Gordon Smith and Tim Savage have been appointed to the board of Greeenups Pack ackaging Ltd, the Sheffieldbased printed packaging company. Mr Smith joins the company as sales director and Mr Savage has been appointed production director.

Eric Gay has been appointed sales and marketing director of Label Converters, the UK specialist adhesive labels printers. Mr Gay has been in the label and packaging industries for some 30 years.

Tom McLoughlin has been appointed sales and marketing director for Supastrip International's division of tear tape and strapping manufacturer P.P. Payne Ltd.

Mark Thompson has been made national field sales manager in charge of all industrial thermoplastic sheet sales for Doeslex Industries Ltd. He will be assisted by John Rogers. Both positions are created to meet the demand for Doeflex's recently launched pp products and the company's push into commercial ps thermoforming.

being extended resulting in less downtime. There is also no need for regular attention so it is practical for situations where the printhead is not easily

BOARD

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cabinet with a durable membrane control accessible and panel the Solo 6 [features a print- [head design that incorporates nozzie scaling, temperature !

system stops splash

control and selfcleaning. "The drop generator uses a unique nozzle scaling system to give stop and start performance and eliminate any splash and it

Solo 6 is the latest addition to

Domino UK Ltd's range of

continuous inkjet (cij) printers.

Located inside a stainless steel

uses thermal printhead technology to provide stable operation over a wide ambient temperature range," says John Traub Domino's product marketing manager (Bar Hill, Cambridge CB3 8TU - tel: 0954 782551, fax: 782874).

These features have resulted in the intervals between manual printhead cleaning

daily or weekly cleaning may not be possible. Large keys and a back lit liquid crystal display allows messages to be set up quickly and accurately Menu-driven software has been structured to allow rapid access to

frequently used functions - unwanted access can also be locked out using passwords.

Once the code has been defined, it can be stored, alphabetically or numerically with hundreds of thousands of others, for immediate use when rewired. Faults are also reported via the display panels.

Name change is driven by design

Supermarket chain Gateway's recent decision to do away with the Gateway banner and plump for its own brand name of Somerfield across all its stores has largely been driven by the effect of design, Paul Day, design development controller at Gateway/Somerfield, tells Packaging News.

With effect from May 1 the Gateway Group will change its name to Somerfield Holdings Ltd. "It has been proven that people are much more confident about Somersield. We have a good design with strong colours, which we have used to make it easier for customers to identify products," Mr Day says. Most of the artwork for the Somerfield brand has been digitally produced, with the graphics supporting the product and the product supporting the graphics, he says.

The Somerfield name already carried by about 60 shops was chosen after trials involving eight of its modernised stores which scored better in customer research.



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PACKAGING NEWS/MARCH 199

Simply the best in plastics containers



Lca data useti in the battle for milk

The incursion of polybottles into cartonboard's traditional two-pint milk carton market has provoked the Alliance of Beverage Cartons and the

show that paperboard cartons produce greater waterborne emissions, while hdpe bottles produce more air emissions



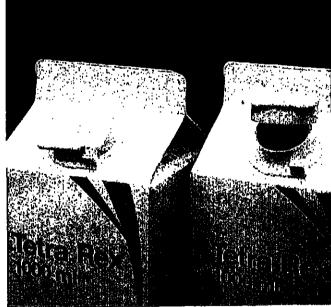
Two-pint polybottle: the preferred option on economic grounds?

Environment (ABCE) to commission a life cycle analysis (lca) from Pira, the packaging ndustry research association.

Study objectives were to compare the relative potential environmental burdens of the three options for the packaging of two pints of milk in nonreturnable containers: hdpe bottles produced offsite and on-site and paperboard cartons.

Pira made no conclusions in their report, but findings ticularly non-renewables and represent two and a half times volume in landfill. In terms of total resource use, the polybottle at 70kg is about 15 per cent more than paperboard at 93kg.

"There is no doubt that for the packing of two-pint quantities of milk, the paperboard carton has to be the preferred option vis-a-vis polybottles on environmental grounds," Victor Spong, sales and marketing director at Bowater pkl, tells



Entry-level labelling

Entry-level low-maintenance automatic labelling and overprinting machinery is available from RK Packaging in a modular format adaptable to specific product needs.

As exclusive UK agent for Danish manufacturer Inter-Pac, RK is now supplying its Mark 1000, 2000 and 3000 range of label applicators. Easy set up means that it is easier to get label accuracy correct, says Nigel Reynolds, director at RK (PO Box 22, Huntingdon,

Cambs PE18 0PR - tel: 0832 710573, fax: 710577).

"It is an ideal piece of equipment for a smaller company moving into automated labelling for the first time," says Mr Reynolds.

RK, best known as a supplier of packs and materials, will also be representing Danish filling machine manufacturer Primodan Food Machinery AS in the UK.

For further K3 Call for details information 132 0838 772268

Packaging News.

The use of polybottles for the packaging of 4 and 6 pints of milk has been growing steadily. A decision by some retailers to specify polybottles for the packing of 2 pint containers will double the number of polybottles in use, from an estimated 500 million a year to 1000 million, says the ABCE (Tel: 091-232 0225). A number of supermarkets confirmed that they are undertaking trials on two-pint polybottles.

"The driver is economics" recognises Mr Spong, Allegations of discounting were made

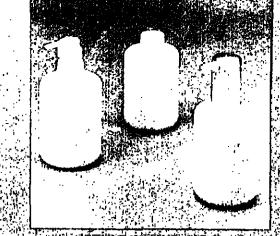
mill, at less than 25 pance . put in polybordes in compare son to 25 pence in a carton.

Nick Templeton-Ward, ind of Plysu Containers' dairy & juice division, responds to the ABCE report: "Sales from supermarket shelves demontrate consumers like easy-topour, easy-to-reclose, lightweight plastics milk containers. In my opinion all the report does is to highlight the vulnerability of two-pint earton manufacturers as they watch market shares being eroded by 2 pint plastics containers."

One supermarket spokesman says: "There is no advantage in polyhottles over cartonboard or vice versa. However, people are converting because of the cost involved. "It is much more likely to

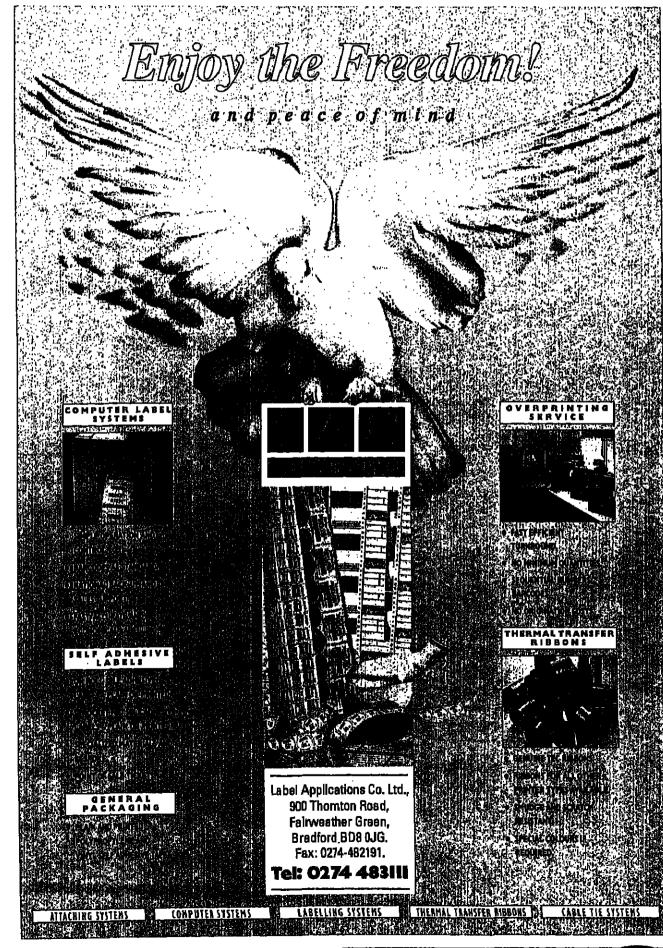
go that way," the spokesman admits. "However, we would stay in cartons for one and half

In the ABCE, "We have seen



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ew in 1956 was a push-on, plasties cap for talcum powder which rotated to reveal holes, through which powder was dispensed. This innova-

tion was explained in great detail and once the powder had been "shaken out", the tin was reclosed by "twisting the cap to mask the holes again."

The Metal Box Co Ltd had designed these closures for its range of standard talcum powder tins and assured readers that "although the closure is powder-tight, it does not fit so rightly that it is difficult to twist off".

was the advent of USE OF METAL flip top cartons used FOILS GAVE AN for the then socially ADDED APPEAL acceptable eigarette. It

was reported that since the change to hinge-lid cartons from slide pack versions, sales of Marlboro cigarettes in the USA had risen by 5000 per cent.

To keep up with this demand, owner of the brand, Philip Morris was reported to have batteries of hinge-lid carton packers working round the clock at two plants. "Each machine requires one operator, who also fills the carton blank magazine, and a girl to keep the cigarette hopper filled." Obviously PN writers felt that readers would know the difference between an 'operator' and 'a girl'...

achets were also making their mark during this time with one of the brands using them for sampling purposes being OMO.

In May, we reported on the first Institute of Packaging conference which saw 200 delegates discuss important matters such as secretive practices and standardisation. The conference agreed that

the £400 million reck- SHAMPOO oned to be spent on SACHETS WERE In June 1956 Packaging News began its third year of publication with a monthly circulation of 10,000 and a proud boast of handling nearly 500 readers' requests for further information each month. This trend continued throughout 1957 for the products covered, many of them firsts.

WAXED CONTAINERS FOR CWS CUT MIXED PEEL, MADE

BY THE SATONA DIVISION OF JOHN WADDINGTON LTD,

HAD AN AFTER USE AS MODEL HOUSES FOR CHILDREN

industry each year would be

reduced, or at least used with

the appointment of a full-time packaging

executive might be the most valuable step a

company could make towards greater effi-

gate pleading that "all of us engaged in the

Exports were also discussed with one dele-

ciency and reduced cost.

greater effect, if those at the top of

user industries took it more serious-

ly. The conference also agreed that

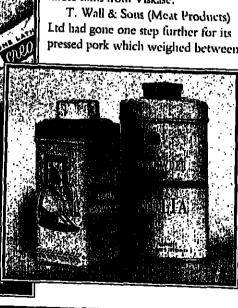
AEROSOLS WERE USED FOR A WIDE RANGE OF PRODUCTS



export trade, and in packaging, get får more together than we have ever done in the past." Sounds as if the conference social side was taking its toll...

here was also lots of development work on vacuum packs for bacon and cooked hams. The launch of grade FM-1 film from the Goodyear Tyre & Rubber Co (Great Britain) Ltd meant that

irregular shaped products such as poultry, meat and fish could be contour wrapped, while press pork was being wrapped in "close-fitting" celulose films from Viskase.



8-10lb, by adopting a two colour printed film This was applied after being soaked in water. This immersion apparently gave the cellulose film its clasticity.

nder the heading of marketing. PN reported on the new self-service stationery shop that had been opened in New Bond Street, London by a company called HJ Ryman Ltd. It was thought to be the first of its kind in Great Britain and Rymans had had to invite stationery suppliers to the shop before opening to the public to try and persuade them to supply their products pre-packed.

"Packaging is the fellow-traveller of self service," said Packaging News, Ryman's believed that this method of selling was the answer to delays in service which occured in peak purchasing hours.

NEW WAS A PUSH-ON, PLASTICS CAP FOR TALCUM POWDER, WHICH ROTATED TO REVEAL HOLES

THE SAME SAME.

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PACKAGING/PROCESSING

EXHIBITION

20 **OCTOBER 1994** Thermal shields protect Hubble

One of the vital ingredients contributing to British Acrospace Space Systems Ltd's successful role in manufacturing replacement kit for the giant Hubble Space Telescope was a humble SP3 Impulse Sealing Press supplied by Ballinger Rawlings Ltd.
Although the public was

regaled with stories about the mission to insert correcting optics to the telescope's misshapen lens, other plans to upgrade its capabilities included the provision of a new replacement set of solar arrays which are subject to degredation due to attack by uv light.

Unlike most other orbiting satellites, whose arrays remain fixed open once deployed, the arrays were designed to be capable of both extension and retraction in line with recoverable design of the whole spacecraft. Following the 1990 launch, the dynamic response of the system, coupled to some stick-slip of contacting components created tiny vibrations.

These 'jitters' were initially corrected through software measures but then 'Concertina-type protective thermal shields were produced for the metal tubes which hold the array taut. These comprised large numbers of aluminised FEP/Teflon discs welded together. British Aerospace felt the Joisten & Kettenbaum

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King visits paper museum

(J&K) SP3 sealing press was a suitable method of welding

Designed specifically for

plastics fabrication work where

dissimilar materials are involved, the SP3 proved ideal for the

spacecraft manufacturer's pur-

pose, says Ballinger Rawlings

(Balrawl House, Ebberns Road,

Hemel Hempstead - tel: 0442

these vital parts.

217555, fax: 60091).



visitors to the Frovifors Paper Mili Museum which shows how paper was made in the early part of this century. Pictured left, his Majesty is seen here being guided around the plant - the only one of its kind in Europe - by Sven-Goran Wennerholm, information manager at Frovi.

The Frovifors Paper Mill Museum comprises three restored buildings of the old Frovi paper mill and has developed its display of machinery and ancilliary equipment over the past seven years. It is now open to the public in the summer and further details are avantage fax: +46 581 80001). detalls are available from Mr Wennerholm (tel: +46 581 37000,

For further K3 Gall for details Information 115 0839 772268

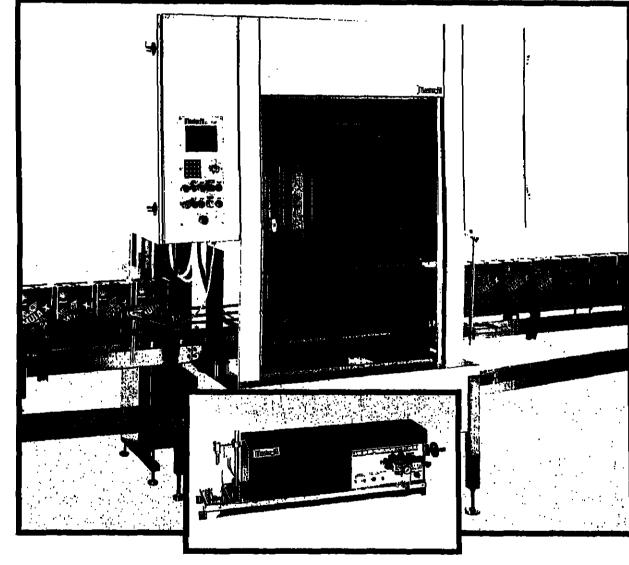
•••••••••• **Support for Thailand show**

The Institute of Packaging and the PPMA have put their joint support behind a British group Pavilion at this May's ProPak Thailand 94 packaging and food processing show in Bangkok.

The group package is designed to make exhibiting at the 18-21 May show easy, and for a reduced rate of £3934, exhibitors get a fully fitted stand as well as flights and accommodation in Bangkok for two people. Exhibitors do not need to be members of either organisation to take up this offer.

The exhibition has now become the largest packaging and food processing event in Asia and we believe it represents an excellent showcase for British exporters, says Richard Hodgson of the show's UK office (11 Manchester Square, London W1M 5AB - tel: 071-486 1951, fax: 071-413 8230).

The World Packaging Organisation's Worldstar Packaging Awards ceremony will take place during the show.



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BASE Aktiengesellschaft (081-908 3188) has acquired ICI ple's West European polypropylene business. Including plants in Wilton, Treside, and Rozenburg in the Netherlands, the business has a yearly turnover of around £100 million. The value of the transaction represents between one and two per cent of ICI Group's net assets.

MY Holdings has added insight Cartons to its list of acquisitions, which includes, in January, Doncaster Packaging. The deal, worth £21.25 million, brings the folded cartons business in MY (0276 452266) up to similar levels of turnover as its existing corrugated and thermoforming industries. My has also announced a placing and open share offer to raise £23

Parkside International ple has made a share placing on the London Stock Exchange worth £12 million, capitalising the company at £32.8 million, A \$2.2 million pre-tax profit is forecast by Parkside (0532 713963) for the year now ending. As part of an ongoing investment programme, the company recently installed a second Windmoller and Holscher 8-colour Starflex press at its Normanton plant,

FMC Corporation (010 1 414 4944571) has expanded its plastics bagmaking machinery jusiness with the acquisition of Belgian company Printex, which manufactures a range of bottom seal, twinseal and sideweld equipment.

Alusuisse-Lonza is launching a \$276 million rights issue to cover part of its takeover costs of Canadian packaging group Lawson Mardon. The takeover is likely to double the sales of its packaging division, says the

Åkerlund & Rausing (A&R) and Eurapak are likely to be



COMPANY NEWS

merged, following a preliminary agreement by respective parent companies Stora and Ahistrom, which will each own 50 per cent of the newly-created company. Full ownership by Ahistrom is expected within two years, says A&R (010 46

Printpack Europe Ltd has acquired the shares of UCB Packaging Ltd (Pakcel), including both the St. Helens and Gainsborough sites. The group now created has a turnover of almost £100 million, says Michael Bradley, md of Printpack Europe (061-764 5441).

The Bibby Group is to relaunch its paper, science products and agricultural divisions as a separate company. Investment In its UK speciality paper business has included a £1.2 mij-Hon order for a flowbox and associated equipment at Henry Gooke Makin (05395 63363).

ChamCar (UK) Ltd has been created by Papierfabriken Cham-Tenero ag as its UK sales company following the acquisition of Cartiera di Carmignano. The company is a joint venture

between Cham-Tenero and its existing agent John Heyer Paper Ltd (0622 882277).

LR Healthprint Specialists is to join Boxmore International pic, which has facilities for printing cartons and labels in Northern Ireland, but not in mainland Britain. The directorship of LR (081-668 0627) will remain as it is.

Saverglass, represented in the UK by Johnsen & Jorgensen (0322 291111), has opened its second glass furnace. Total investment at the company, which produces bottles for premium wines and spirits, amounted to £23 million.

Dragon Plastics has matched a 25 per cent annual growth over the last three years with over £1.5 million expenditure on capital equipment over the same period. The closure manufacturer (0443 841341) commissioned three injection moulding machines in 1993.

SIG Packaging Technology's Doboy division has announced the appointment of Sontex Ltd (0274 872299) as the North of England official distributor of

print quality of a

Simple and

use, the Cooper

perfect printing

(including bar

Flexopress offers

codes) on to virtually

Cooper Flexopress

its range of bag sealing machines. Paladin GP Ltd 3 (0506 880078) will represent the range in Scotland. Applications for the South of England are still being sought by Doboy (0332 626262).

Soag Machinery is to concentrate its activities on web press sales and cease selling sheet-fed machines. Service and spare parts will be continued for existing installations, says Soag (0908 690456).

Battenfeld Blasformtechnik GmbH (0494-450841) holds a 48 per cent interest in W. Muller of GmbH and plans to take over the company by 1995. Mulkr manufactures long-stroke blowmoulding machinery.

Al Cambridge Ltd (0223 834420) Is to focus its attention on leak detection and chromatography products, leaving ion Track Instruments In the US to concentrate on Security products.

Mead Corporation reports world sales in 1993 increasing to \$4.79 billion, Earnings in 1993 showed a 14 per cent growth on the 1992 figure. KNOCKS SPOTS OFF INKJET!

Multiheads enhanced

A range of multihead weigher models to be launched by Ishida Europe Ltd is said to have the most advanced specification of standard equipment and features available.

Development work on the range has concentrated on enhancements which are said to improve the performance of the weighers and reduce downtime by simplified maintenance and cleaning facilities, combined with user-friendly control systems.

An example of this is the icon-driven display which allows progression through the various information and operation screens via the touch of the appropriate key on the display screen.

On the maintenance side, all hoppers and radial feeder

A range of specialised and tar-

geted packaging machinery

courses have been put together

by the PPMA and the Institute

of Packaging, to cover a range

of equipment in some depth.

Machinery courses

Developments in form, fill and seal machines will be covered in the morning of the 15th (£55 +vat), while in the afternoon, developments in cartoning and wrapping machines

troughs are completely inter-

changeable for easy day-to-day

An introduction to packaging machinery - designed for will be outlined (£55 +vat). newcomers in the field to give Anyone wishing to attend comprehensive overview all five modules, or just one takes place on the first day section, can gain more infor-April 13 - at a cost of £110 mation from the IOP (tel: 0664 +vat. The next morning, new 500055) or from the PPMA developments in filling, closing and labelling machines will be (tel: 081-681 8226). All of the speakers will come from the covered (£55 +vat), while in the PPMA member companies as afternoon, new developments well as its general secretary, in end of line packaging Andrew Manly and its technical adviser, Martin Keay.



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The full range will be introduced throughout the year but already available are the CCW.RZ.214W-S/15 and CCW.DZ.210 models. The first is a compact, 14-head weigher aimed at fast, high volume lines in the snacks and confectionery industries.

Trials have shown it is capable of handling 30g packs of potato crisps at a consistent 100 weighings a minute, says the company (Crystal Drive, Smethwick, Warley, W Midlands B66 1RJ - tel: 021-541 1441, fax: 021-544 4659). The other model was first seen at last year's PPMA show but now includes two additional software features which allows this 10-head unit to perform to the same accuracies as the 14head versions.

cuables hopper doors to beheld in the open position for



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PACKAGING NEWSMARCH 1994

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Controlled carton handling

toning machine available from French manufacturer Kalix offers controlled handling for premium perfume and cosmetics products packed in high quality cartons.

Positive opening of cartons, with the sides gripped by suction arms, means that friction - and hence scratching on the outer surfaces is avoided. According to UK agent Swiftpack Automation, though the mechanism is not revolutionary, on the KPS machine Kalix has chosen to use it for a type of pack where other designers would not consider it necessary.

Transfer of the cartons is carried out not by comb grip-

CUEPRIN

pers, which can damage packs, but by flexible bands which hold them at top and bottom.

According to Kalix, this mechanism also means that recycled board packs can be handled.

Changes to pack dimensions can be carried out in less than eight minutes, says Kalix, using cranks linked to digital controls. The machine's compact format, just 1.2m length x 1m width x 1.25m height, is a major advantage.

"We already deal with the pharmaceutical industry extensively and will be taking the machine to them as well, on the basis that it is so much more compact than anything else available," says Peter

Harris, md of Swiftpack (3 Arden Road, Alcester, Warwicks B49 6HN - tel: 0789 400880, fax: 499780).

Speed of cartoning depends on pack size, says Swiftpack, but throughout the priority is safe and damage-free handling. Flap closing is carried out while the pack is stationary, removing the risk of error by reducing the number of controls, according to Kalix.

The system is enjoying success with the French perfume and toiletries market. Kalix supplies a range of cartoning machinery, up to large size formats. Tube and bottle filling equipment is also available.



The custom-moulded bottles are enhanced by multi-colour salf-adhesive labels, printed by latterpress 🚉

High-gloss bottles for sauces

Use of high-gloss multilayer polypropylene bottles from RPC Containers Corby is being extended by HP to its Fruity and Barbecue Sauce ranges.

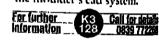
Originally introduced last year for the original HP Sauce, the custom-moulded bottles use different formulations for the body and outer surface, with a layer of evoh as barrier.

Sizes produced are 550g for the Fruity Sauce bottle and Introduction of these packs tles, and 60 per cent is in follows the success of the 850g packs over 500g in size, HP bottle in the same material. explains senior product man-Neck labels emphasise the ager Katy Lockwood. squeezable' bottle type. With a specific brief from

Shelf impact derives from the combination of the highgloss bottle and multi-colour self-adhesive labels printed letterpress, says the company.

HP is marketing its Fruity brand as an alternative to tomato ketchups. "Over 40 per cent of tomato ketchup is now packaged in plastics bot-

the moulder's cad system.



HP, design was carried out in-

house by RPC (Sallow Road,

Weldon Industrial Estate,

Corby, Northants NN17 5JX

- tel: 0536-263488, fax: 205493),

minute changes to HP's speci-

fication could be made with

by compacting

By being able to provide both on-site compactors and centralised recycling capacity, Monoplas Industries is making collection and reprocessing of transit eps viable for all concerned.

Based near Halifax, plasties recycler Monoplas recognises the importance of collection and compacting, especially with a high volume product such as eps.

Investment in its compacting equipment - whether purchased or leased - is cost-effective, says the company, with equipment able to reduce up to 275kg an hour of material to square blocks, so allowing easy transit for reprocessing. Unlike other equipment available, the units are themselves compact.

The advantage for customers of Monoplas, says md Mike Lloyd, is that the costs associated with skip hire and landfill are avoided. These costs can be halved by using his own recycling route, he says.

One major area of production for the company is for Timbron wood substitute material. Compacted waste eps is reprocessed with colourants to allow a wood-grain effect when the granules that Mono-

plas produces are formed into the final material.

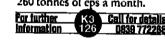
Of the £2 million that the company is now investing, £500,000 is likely to be spent on a German regassing system for reprocessing clean industrial waste for second life eps applications.

By being able to undercut the prices of virgin material, the company has been in a position to interest a major polymer supplier in its process.

Mr Lloyd is clear about the options: "If you're going to recycle, you recycle for profit. If not, you should burn the material for energy." By striking deals with

some of the major manufacturing and high-street users of transit packaging, up to 40 tonnes a month of waste eps is being collected by Monoplas (Allen Works, Badger Lane, Hipperholme, W Yorks - tel: 0422 201161, fax: 205676).

Mr Lloyd is looking at the feasability of setting up a national collection infrastructure for postconsumer eps transit waste. Pilot schemes are being organised with local authorities. Current-Monoplas recycles around 260 tonnes of eps a month.



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According to Cape marketing director Peter Ayling, the system is unparalleled in ease of use, quality of graphics and range of output formats. Input has come not only from the software company over the two years of development, but from large manufacturers with experience in this type of palletising.

The same pallet load can be viewed from different angles, and minor amendments to load configurations can be easily made. One feature of the

package is an ability to pinpoint the centre of gravity of the total load, and calculate the given elements.

The system can generate 3D graphics to compare on sereen, print out and hand on to the retailer. This ability to communicate display options accurately to retailers will be a great advantage to manufacturers and packers, says the company (40-41 St Olav's Court, City Business Centre, Lower Road, London - (el: 071-237) 2444, fax: 071-237 3144).





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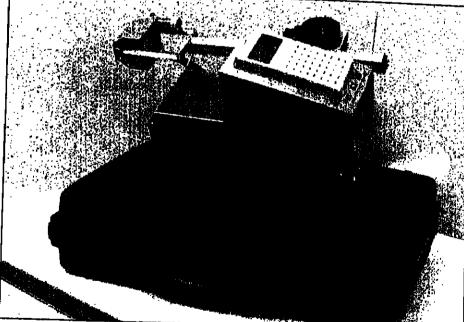
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National Packaging Plus

Exhibition, Weinbley, London David Shepherd, AES Events Ltd, 10 High Street, Purley, Surrey CR8 2AA - tel: 081-668 9229, fax: 081-668 9239

8 March Terratec

Trade fair and congress for environmental engineering and environmental protection, Leipzig, Germany, Inlech Overseas Fairs Ltd, P.O. Box 142, Rochester, Kent ME3 7NR - lei: 8-10 March

Creative Packaging Show, NEC, Birmingham, Reed

Exhibition Companies (UK), Oriel House, 26 The Quadrant, Richmond, Surrey TW9 1DL - lef: 081-948 9800 8-10 March

Packaging exhibition, Philadelphia, USA. Read Exhibition Companies, Oriel House, 26 The Quadrant, Richmond upon Thames, Surrey TW9 1DL - Iel:

8-10 March

Liquidex Liquids handling, storage and processing exhibition, Harrogate, DMG Trinity, Times House, Station Approach, Rulslip, Middx HA4 8NB - tel: 0895

8-12 March

Leipzig Packaging Fair Trade fair with symposium on packaging and the environment, Intech Overseas

Fairs Ltd. P O Box 142, Rochester, Kent ME3 7NR - tal: 0474 824092 10-13 March

international packaging exhibition. Tel-Aviv, Israel, Israel Trade Fairs Center, PO Box 21075, 61210 Tel Aviv, Israel lel: 972 3 646 2422 12-16 March

PFP Expo Printing/Foodtech/Plaspack exhibitions. Guangzhou, China Adsale Exhibition

Services, 21/FL, Tung Wai Commercial Building, 109-111 Gloucester Road. Wanchal, Hong Kong - tel: 852 511

Packprint & Paper Exhibition, Ho-Chi-Minh City, Vielnam, Glahe International Group, PO Box

13-17 March

800349, D-5000 Cologno 80, Germany lel: 49 221 61 24 18 14-18 March

Davos Recycle '94 Global forum and exposition, Congress Centre Davos, Switzerland Maack Business Services, Moosacherstrasse 14, CH-8804 AU/ZH Switzerland - tel:

376161

20-23 March

22-24 March

22-24 March

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22-23 March

24-29 Merch

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Packaging strategies

Conference, Swissôtel Conference

Strategies, 122 South Church Street

Center, Atlanta, USA, Packaging

5-9 April

68 54 42

6-8 April

Graphites 94

Pira MIS exhibition

Danish Packaging Fair '94

Trade fair, Odense, Denmark, Tage

Christensen, project manager - tel: +45

Exhibition of management information

systems, Woburn Abbey, Beds. Melanie

Pheasant, exhibition co-ordinator, Pira

International - tel: 0372 376161, fax:

Exhibition of mechanical handling.

packing, packaging and food processing

machinery, Fiera Milano grounds, Italy

Segreteria Operativa, Ipack-ima srl, 62

Via C Ravizza, 1 20149 Milano MI - tel:

Exhibition of graphic arts industries,

Paris, SEPIC, 1 Rue de Parc, F-92593

Levallois-Perret, Cedex - tel: +33 1 49

Foodex Meatex 94

Trinity Ltd., Timos House, Station 01-781 30 40, fax: 01-781-15 69 Approach, Ruishp, Middx HAI 8NB - tel. 15-16 March 0895 677677 12-15 April ProPak Asia: Food Processing & Conference, 1 George Street, London.

Sue Wallis, Propack 94 conference Packaging manager, Pira International - let 0372

Exhibition, Singapore Singapore Exhibition Services, 11 Dhoby Ghaut, 15-09 Cathay Building, Singapore - lei-65 338 4747 Exhibition, NEC, Birmingham The 12-15 April

West Chester, PA 19382, USA - tel: 1

Solids handling exhibition, Harrogate

215 436 4220

12-14 April

Solidex 94

Organisers, Foodex Meatex Ltd, PO Box ProPak Asia 94 106, Coveniry CV7 9EA - tel: 0203 international food processing and packaging exhibition and conference. 644200, fax: 0203 644911 Singapore, Andry Montgomery Ltd, 11 Environmental Technology '94 Manchesier Square, London W1M 5AB -

lei: 071-486 1951, fax: 071 486 8773 Exhibition, National Exhibition Centre, 12-18 April Birmingham, Sara Binns, Reed Exhibitions, tel: 081-948 9940, or Adrian Wilkes at Environmental Policy Packaging exhibition, Nizhny Consultants, tel: 071-372 7122

Novogorod, Russian Federation - tel: 8312 441 883 13-74 April South West Packaging Plus

Exhibition, Forte Crest Hotel, Bristol. David Shephard, marketing co-ordinator, AES Events Ltd. 10 High Street, Purley, Surrey CR8 2AA - lel: 081-668 9229 13-17 April

Exhibition, Istanbul. Toyap Fairs and Exhibitions Organisation, Gazeleciler Mah , Saglam Fikir Sok. No. 19, 80300 Esenlepe-istanbul - tel. 90 1 267 67 04

18-21 April TRI-PEX '94 Plastics & Rubber

Exhibition, Expo Centre, Sharjah, United Arab Emirales. TRI-PEX '94 Plastics & Rubber Exhibition, P O Box 923. Crownhill, Millon Keynes Mk8 OAY lel: 0908 561444 19-21 Apríl

Fiax Expo Flexible packaging exhibition, Dailas Convention Center, Texas, USA, National Blenheim Expositions, Fort Lee Executive Park, One Executive Drive, Fort Lee, New Jersey 07024, USA - tel: 1 800 829 3976 20-21 April

Handling and Storage

Exhibition, Harrogate DMG Trinity,

Times House, Station Approach, Ruistip, Middx HA4 8NB - tel: 0895 677677 20-24 April Chubu Pack

David Tinsley, exhibition manager, DMG Packaging and lood machinery. packaging materials and equipment show, Nagoya, Japan, Central Japan Packaging and Machinery Builder Association, 2-4-10 Kamelima, Nakamura-Ku, Nagoya 453, Japan - tel:

81 52 452 3162 26-28 April Interphex USA Exhibition, New York - lef: 1 708 390 2420

26-29 April Internation exhibition of machinery and

materials for package processing and production, Seoul, Korea, Reed Exhibition Co - tel: 081-948 9900 27-28 April Scottish Packaging Plus

Show, the Glasgow Marriott Hotel. Anderston, Glasgow. David Shephard, marketing co-ordinator, AES Events Ltd. 10 High Street, Purley, Surrey CR8 2AA - lei: 081-668 9229 30-4 April/May

National International Safe Transit Association conference Conference, Las Vegas, NISTA headquarlers - lei: 312 645 0083 2-6 May

Macropak Exhibition, the Utrecht, Jaarbeurs, The Organisers, PO Box 8500, 3503 RM Utrecht, Holland - Iel. +31 30 955911 2-6 May

International trade exhibition for food processing and packaging machinery. Sao Paulo, Brazil, Alcantara Machado Feiras E Promocoes, Rua Brasillo Machado 60, Cep-01230 Sao Paulo, Brazil - tel: 55 11 826 9111 3-7 May

Propack (Eurotech) International packaging exhibition. Brussels, Foire Internationale De Bruxelles, Parc Des Expositions, Place De Beigique, Bruxeiles B-1020, Beigium - lel: 32 2 477 0477 10-12 May

Control and Instrumentation exhibition '94 Exhibition, the National Exhibition

Centre, Birminghani. Stopheri Ward, Enterprise Public Relations, 165 Kensington High Street, London W8

6SH - tel. 071-938 2319 10-13 May

international trade lair for the agricultural, lood and packaging Industries, Vilotus, Lithuania, IFW Heidolberg, Landfriedstr. 1 A, D-69117, Heidelberg - tel: 49 8221 16 70 43

10-13 May Tecnopak International packaging exhibition, Madrid, Ifoma, Parque Ferial Juan Carlos 1, Apdo De Correos 67067,

Madrid E-28080 - tel: 34 1 722 5000 11-14 May International automatic identification and barcode technology and equipment

exhibition, Hong Kong. Business and Industrial Trade Fatrs, 18/F First Pacific Bank Center, 51 Gloucester Road, Wanchai, Hong Kong - tel: 852'865 2633 16-21 May Print Expo

Trade fair, Beijing or Shanghai. Nowea International, Ms Ute Windhausen. Postfach 10 10 06, 40001 Düsseldorf tel: +49 211/4560-720 17-19 May

Northprint '94 Graphic arts evenil, Harrogate Exhibition Centre, Katrina Rowbury, Reed Exhibition Companies - tel: 081-948 9800, fax: 081-948 9877 18-19 May Asia-Pacific Coatings Show

Exhibition of chemical raw materials used in the manufacture of paints. printing inks and adhesivos, the Hong Kong Convention and Exhibition Centre Hong Kong, Jane Malcolm-Coe, 2 Queonsway, Redhill - tel: 0737 768611 18-21 May

Auto-ID Automatic Identification and barcode lochology exhibition, Singapore. Business and Industrial Trade Fairs. 18/F First Pacific Bank Cenler, 51 Gioucoster Road, Wanchai, Hong Kong tel: 852 865 2633 19-22 May

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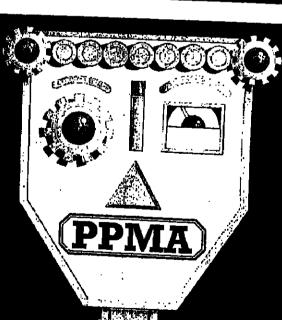
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Italian machines in high demand

Last year for the first time, each of Italy's three major competitors in the packaging machinery sector - the USA, Germany and Japan - each imported a greater value of Italian machinery than they exported of their own to Italy.

Guido Corbella, the director of UCIMA (the Italian association of automatic packaging

manufacturers), stresses this 'first' as the most significant indicator, internationally, for the machinery sector.

The background to this expansion is a record proportion of machinery sales going to export, with this figure likely to stand at 75 per cent of production by the end of the year.

Other data speaks for itself. Revenue from packaging machine sales in Italy rose 10 per cent year on year between 1992 and '93. Export is especially healthy, largely because

the developed world: Italy was one of the first countries to put effort into machinery exports to mainland China. Central and South America also include some rapidly growing markets. And while the EU market is almost saturated, demand grows in the developing world. Traditionally linked to the

sales. But the food industry has remained the backbone of the sector, and has helped insulate it against recession. An exhibition that recently opened in Bologna traces the history of the sector in and around the city. Though the

area around Bologna, the pack-

aging machinery industry has

increasingly sought specialisa-

tion in other areas, notably

tobacco and pharmaceuticals.

Automation in tobacco and a

healthy pharmaceutical industry,

at least abroad, have holstered development of packaging technology in the area. He uses the phrase "flexible specialisation": this once meant exclusively the production of machines suited to specific customer needs, but now increasingly involves flexibility within

agree, the story for Bologna mir-

fors and explains the machinery

University of Bologna identi-

fies several reasons behind the

Vittorio Cappecchi of the

story for Italy as a whole.

Held March 24-29 at the Milan Fair Grounds, the Ipack Ima Exhibition brings together the

best packaging and food processing machinery,

packs and materials, including complete lines.

Paul Gander examines the contribution of

Italian machines and materials to the market

and previews some of the principal exhibits.

standard pieces of equipment.

depend on export even more. Nor is

of the exchange rate on the lira.

But Dr Corbella points out

that only a sector having, as his

own machinery industry does,

an edge in technical innovation

general situation.

can benefit from the more

Since prospects for the

depressed domestic

market remain

to trade partners in

domestic food industries, especially in the Emilia Romagna

Proud materials record

Just as halls at Ipack Ima are being devoted to food processing machinery, sections will concentrate on materials and packs. Quite apart from the clear and close link between this area and packaging machinery, Italy can be just as proud of its track record in materials and their application in pack design as in the widely recognised area of technology.

quick to respond to the growth in Europe-wide links, as witnessed by the cooperation between British company Aquasol (0277 301352), German thermoformer Kramer & Grebe and Italian film converter Alcam on water soluble packaging.

Similarly, flexible packaging converter Safta (010 39 523 5981) has been working with Zeneca's biodegradable product Biopol. This again reflects a sensitivity to the demands in particular of the German consumer, and makes the company the first to invest in the product to the degree where it is now in a position to produce Biopol film on an industrial scale.

company has found itself serving multinational companies, and needing to internationalise production to compete. Bormioli's answer was to combine its activities with the French BSN Group with its production capacity at Masnieres, says Bob Broomfield of Bormioli Rocco As with other European

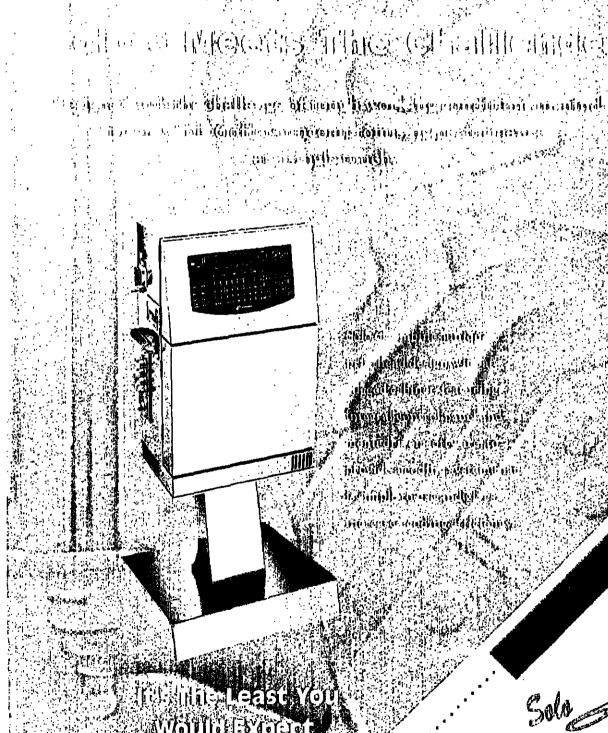
For glass manufacturer Bormioli Rocco, the story is a

positive one. Increasingly the

countries, interaction between the UK and Italy with regard to packs and products can weave quite complex patterns. The London office of Italian/British designer Minale. Tattersfield & Partners Ltd was responsible for the graphics on film around Motta cakes for the Italian market.

Converting and packing is carried out in Italy but, says the designer (081-948 7999). Motta is currently considering distribution in the UK.

Contact Ipack Ima on 010 39 2 4814325, fax: 48008199, for exhibition information



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international image on the Acma GD stand will be a high speed soap wrapper, while the Corniani division of the company will show its RCCA filling/capping system.

Oval or rectangular tablets



use this adhesive tape, IT HAS NO SOLVENT and

WILL STICK WITH TENACITY ON YOUR RECYCLED CARTON

point end fold style Acma's 771 machine. Single or double tored by a single operator. materials can be taken from the When changes or maintenance reel to wrap soap arriving from are necessary, accessibility is a dual infeed at speeds of up to said to be good. Another 500 a minute. advantage is the low noise level

Maintenance needs are

SPECIAL P.P. SELF ADHESIVE TAPES FOR PACKAGING.

of the machine. Size changeover is fast and easy, but the system can also be equipped with automatic positioning and timing adjustment, which allows complete changes in 15 minutes. Up to O soap bar sizes can be stored in the product memory.

Acma and Corniani are represented in the UK by GD Automatic Machinery (Vanwall Road, Maidenhead, Berks SL6 4UB - tel: 0628 771959, fax: 770907). Stand: B62, Hall: 17

minimal, says Acma, and the whole soap line can be moni-

Feeding systems shown by Eurosiema will include the Smart Distribution system, complementing the wrappers also on the stand.

The Smart system interfaces between the production unit - whether moulder or

and the wrapping and packing 🍟 line. Transfer belts driven by brushless motors move prod-

biscuits or wafers on-edge. Pack size range on the 200W machine for wafers is from damaging it. Control is via a 100 x 30 x 15mm up to 260 x touch screen, and simplex or 100 x 30mm. Top speed is 120 duplex versions are available. packs a minute. Among the wrappers to be

The Eurofold: wraps

as biscuits and wafers

delicate product such

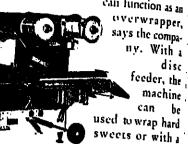
Eurosicma's Euro 85

shown will be the Eurofold,

which wraps product such as

machine has been redesigned to wrap a much wider produc range, says the company (Viz M Buonarroti 6, 20090 Segrate (Milan), Italy - tel: 010 39 2 2137241, fax; 2137868).

As a primary wrapper, the Euro 85 can be fed directly by a system such as Smart, or it can function as an



cut-and-wrap! attachment, to wrap toffees and gums, at speeds up to 1200 pieces a minute. Horizontal pillow packing

is achieved by the Euro 75 for small and medium size product. Stand: D48, Hall: 17

Servo-motor multihead is suitable for ffs link

A servo-motor version of its MTS multihead weigher will be shown for the first time by Simionato, working in combination with inclined ffs machines for delicate product and a packing line for short pasta.

puter controlled.

will be a machine packing

sweets into block-bottom bags.

MTS multiheads are available in 8, 12 and 16-head versions with a maximum speed of 130 weighments a minute. Operation of the systems has, up to now, been through a meumatic system. According to Simionato,

the MTS is ideally suited for linking above its HS6 lfs machine, which can be supplied in the standard vertical model or inclined for fragile product. The HS6 is fully com-Also fed from a Simionato nultihead weigher on the stand

Stand: C48, Hall: 17

Most important is the company's ability to provide a whole line from infeed and weighing to bagging, says Noel Kelly of Simionato's UK agent Notem (Millshaw Park Avenue, Leeds - tel: 0532 779504, fax: 760557).

"Vibrating and belt units available"

Feeding systems available from the company include auger, vibrating and belt units. Weighing systems span volumetric cup dosing and auger dosing in combination with checkweighing and automatic dose adjustment. There are also linear electronic weighers.

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Wrapper line-up | High speed tube filler

Equipment from the Aetna group will include Dimac's latest shrinkwrap system, the Helix pallet wrapper, Legopac strapping machines and Robopac turntable pallet stretchwrappers.

Twin version installations of Dimac's high speed single roll cut and wrap shrinkwrapping system have been running at speeds up to 140 packs a minute. The model shown is a complete upgrade, and shares the simplicity and reliability of the previous systems.

What Robopac Sistemi claims is one of the most effective power pre-stretch facilities available in Europe is a central feature of its Helix HIS/40 rotary arm pallet stretch machine. The system maximises pallet stability while economising on film,

One of the first production

models of its Multimach fivelane flow wrapper will domi-

nate the Otem stand. With each

lane operating at 200 packs a

minute, a total output of 1000

packs a minute are wrapped in

an area of

just 14sa

Damage

to product is

restricted by the

with other machines.

system's ability to accept

countlines or choc-ices, for

example, straight from the

oven, enrober or freezer with-

out these being channelled into

a single lane, as is necessary

according to the company. Also demonstrated will be the latest in its range of fully automatic turntable systems, the Rotoplat 2000 A.

Robopac SA will show its own range of stretchwrapping equipment. Apart from a new company livery, features have been added to many units, which include turntable models and the Robot.

Companies in the group are represented by Aetha UK (Greensbury Farm, Bolnhurst, Bedford MK44 2ET - tel: 0234 376744, fax: 376787).

Other exhibits in Milan will include the Spiror horizontal wrapper, Robopae case tapers, Legopae strapping machines and Comes sack filler. Stand: F69, Hall: 17

Five-lane flow wrapper

Reduced line speeds mean less mechanical wear, says UK

agent Notem Packaging Tech-

nology (Millshaw Park

Avenue, Leeds

LSII OLR -

79504,

fax:

760557).

Versi-

inter-

pack, can

be built with

up to 10 lanes.

the company

will be the Mach

1000 flow wrapper. Its

computer-controlled

servo motor can achieve speeds

of up to 1000 wraps a minute.

For further K3 Call for detail

Stand: E57, Hall: 17

LEAK DETECTION

Also shown

the Multimach,

first shown at

is robust and reliable

A high speed tube filling unit will be presented for the first ny, whose UK representative is Stamford Unipac, Packaging along with established (1966) (based at 42 Guash models in Way its range of Ryhall filling ; Industrimachinery. al Estate,

Silver 400 is engineered to allow all types of tubes to be filled at speeds of over 300 a minute, while complying with legal

requirements, says Unipae. Major advantages of the system are its robust design

Stamford Line PE9 IXT - tel: 0780 481990. or fax: 481991). Cost i realistic, St.md: CO2, Hall: 16

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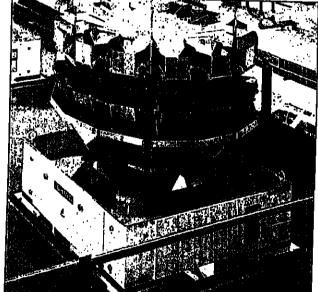
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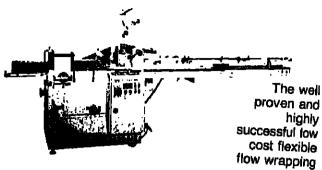
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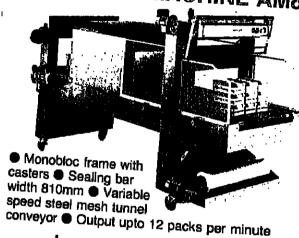
Schib Packaging s. .



machine Horizontal wrapping Vertical form fill and seal

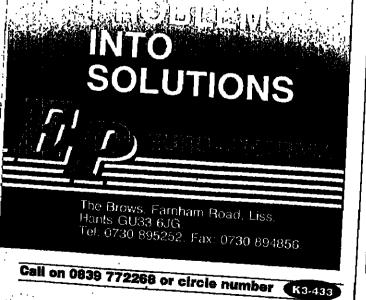
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Hot melt bopp tapes

Hot melt adhesive hopp tapes, complemented by a range of acrylic self-adhesive tapes, will be presented by Irplastnastri.

Also using bopp as backing material, the acrylic tapes have good adhesion, low noise when unwinding and reliable performance even after extended storage, says the company.

As with the Irplastnastro hot melt tapes, printing onto the acrylic products is undersurface and sandwiched between the plastics and adhesive to prevent colour damage or off-setting.

The company has traditionally produced solvent-free hot melt opp tapes, especially suitable for packing foods. Good performance is offered on high speed case tapers, says Irplastnastri (Via Salani 45, 50050 Limite sull'Arno, Firenze, Italy - tel: 010 39 571 57482, fax: 571 57540). Stand: A16, Hall: 18.

strated on the Ima stand will be the K150/C cartoner, with its

design for gentle carton han-

dling, and a selection of the

the cosmetics industry in mind,

the K150/C has also attracted

considerable interest from

pharmaceutical manufacturers,

according to Ima UK and Tony

To promote the concept of

its modular lines, a working

series of machines on the stand

will include a liquid filler, cap-

per, labeller and recirculating

conveyor. The system works

on the principal that a number

of lower speed lines can out-

perform high speed filling with

Originally designed with

range of blister packers.

Tast filler change

the Lynx in-line volumetric filler, to be shown by Ocme in a version designed for foaming and cream-based products.

TALY

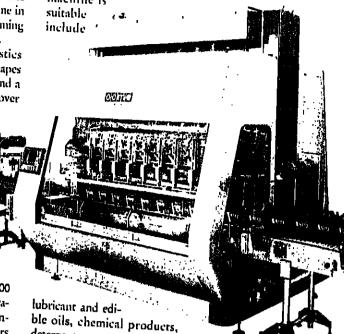
Glass, metal and plastics containers in a range of shapes and sizes can be handled and a full automatic size changeover can take just ten minutes.

Change in product is also fully automatic, and fully controlled with a pe. Bottom up filling for foaming products is also programmable. Filling accuracy is said to be very high,

and wastage consequently low. With the maximum throughput of 5500 containers an hour, the accuracy is put at ±1cc for 1 litre containers. For five litre containers at a top speed of 3,500 an hour, accuracy is around ± 2cc. Two versions are available:

from 50cc up to 2200cc and 50cc up to 5500cc. Each ver-Modular cartoning line demos

suitable



detergents, concentrates, paints and fruit juices, says Ocme UK (King John House, Kingsclere shown by the company at Park, Kingsclere, Newbury, Berks RG15 8SW - tel: 0635 298171, fax: 297936).

interpack last year. Stand: 431, 11.dl: 16 For further K3 Gall for details information 107 0839 77228

Viscous filling

Thermoform fill seal for jams and other viscous products will [be shown on the Benco Pack stand. Benco's Minpack 12 is suitable for foods such as jams, honey and jellies.

Filling takes place into a pvc, ps or multilayered plastics thermoformed cup. This is scaled with an aluminium, plastics or laminated lid.

Benco Pack is represented in the UK by Sussex & Berkshire Machinery Co Ltd (Blacknest, Alton, Hants - tel: 0420 22669, fax: 22687). Stand:1042, 11.ill: 19



of a machine is more important than pinpoint accuracy," explains David Rennison of UK agent Sussex & Berkshire Machinery (Blacknest, Alton,

A low-cost label applicator for

small volume use is to be shown

The Ecorecnic series can

operate as speeds of up to 15m

a minute and is capable of

applying labels up to 150 x 200

mm long. The machine uses

the same type of stepper motor

as the Tecnic range, but con-

for the first time by Etipack.

Hants, GU34 4PX - tel: 0420 22669, fax: 22687).

"Large print area offered"

A thermal overprinter offering a particularly large print area will also be shown. The Codifilm can work on a print area of 105 x 390mm and is programmed from a pe with Etipack's own Windows-based label design software.

Resolution is eight dots per mm, with a stepper motor synchronising film speed with the operation of the print head. Print speed is 9m a minute, but the system can be used on ffs machines at up to 30m a minute. Stand: A17, Hall: 16

ITALY Programming pallet patterns

time on the Sasib group stand

will include a low infeed pal-

letiser with a choice of pre-

programmed pallet patterns

Simonazzi's Kombi pal-

lenser can be programmed via a

control panel for different pat-

terns and is said to produce

noise levels well below the legal

of chain transmissions has been

Ricciarelli will show its dif-

kept to a minimum.

and low noise levels.



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small volume use

builder

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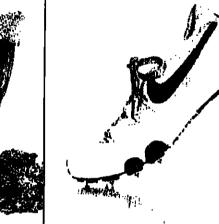
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establish an early, *accurate cost* and building

ferential accumulation system,

which brings flow packs from

two lines into a single stream

using an electronic timing

device. A differential stacking

cup system then places each

From the same company

there will be the Rixall

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ing machine. The 14-head

machine can perform 100

to demonstrate its VSI00 verti-

cal ffs machine, which is said to

be capable of high speeds, and

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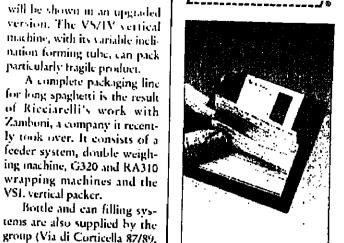


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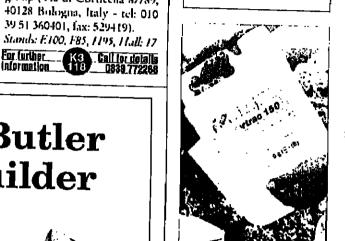
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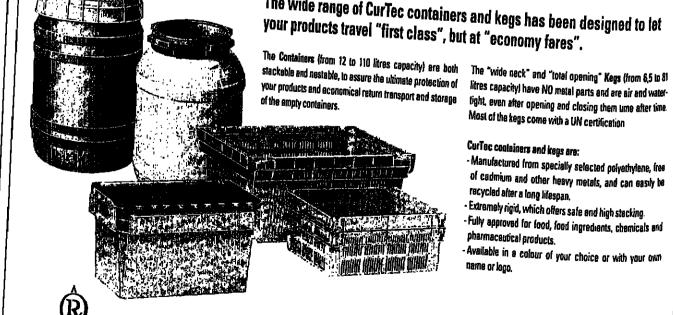




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Stands: E11 and C12, Hall: 17

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Ima (Oaklands Park, Fish-

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773453). Blister packing and

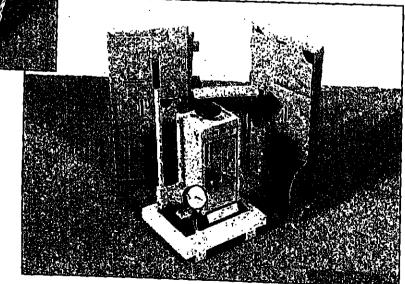
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Lawson Mardon scoops record award total



E-flute front-opening carton for Jack Daniels whisky by William Thyne, LMG's Edinburgh-based carton and box company

ore 1993 Worldstar awards were won by the Lawson Mardon Group than by the combined totals of German and Japanese winners. Its 11 winning packs account for ten per cent of the total awarded by the World Packaging Organisation (WPO), which will hold the presentation ceremony during ProPak Thailand in May.

But the UK in general continued its outstanding performance in the Worldstars, with 18 per cent of awards in a competition taking in 24 countries.

LMG Smith Brothers (0946 and odour barriers, says LMG. 693121) for bags supplied to

love) LMG Decorated Containers won awards for three products

including a range of 12 Zodiac Star Sign tins for Churchills Confectionery; (right) Huggy Bears pack produced for Burten's Bis-

print holograms with primary

and secondary webs both in

register. Reverse gravure print-

ing was used in six colours on

opp, with good light, moisture

The Luxury Muesli pack Burton's Biscuits and Cheshire for St Michael is said to bring Wholefoods for St Michael. out the advantages of combining process and line flexo The Huggy Bears holographic pack produced for printing. Photopolymer plates Burton's uses diffraction metwere produced in-house for allised two-dimensional/threemore accurate reproduction. dimensional images and scatter

LMG Decorated Containers won awards for three products, including a range of 12 Zodiac Star Sign tins for Churchills Confectionery. Cad/cam equipment, multilay-

er embossing and six colour decoration were used by the company (0623 512012) in producing the pack.

Decorated Containers other wins were a range of soap tins and a set of hexagonal tea caddies. Woods of Windsor wanted a pack to make its soaps stand out: LMG commissioned new tooling for a domed-lid tin, which had the further advantage that the design kept the product from

moving around in the pack and being damaged. The built-up tea tins were supplied to R. Twining & Co and show a

series of London landmarks. Another win in metals was for the Marlite 250g perfood tray manufactured by Lawson Mardon Can. Lightness is achieved by the use of 0.125mm tinplate with a film of heat sealable white pp on the inside and gold lacquer on the outside. The forming process

involves just one operation.

By using steel rather than aluminium on the petfood pack, greater strength is possible than with the aluminium equivalent. Steel's magnetic qualities can help as much in handling for the filling process as in separation from the waste stream after use, says the company (0623 512012).

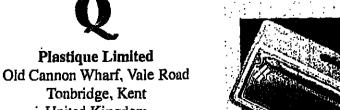
William Thyne, LMG's Edinburgh-based carron and box company (031-453 5544),



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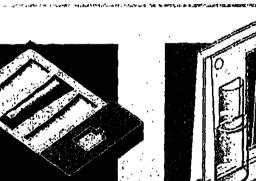
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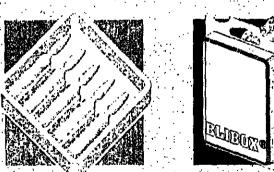
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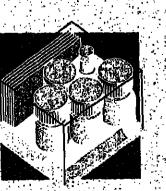


Pharmaceutical Packs

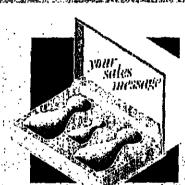
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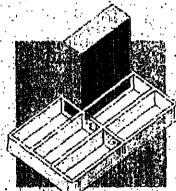


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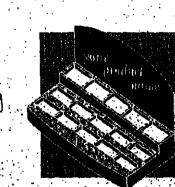


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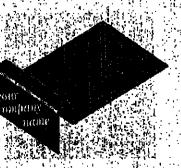




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responded to Jack Daniels: requirement of a strong but eyecatching pack for it. Old Time l'ennessee Whiskey with an Iflute front-opening carton.

Printed in five colours plus uv varnish, the box uses silvered polyester lamination for an embossed effect on the main images. The 'door' bux front is double thickness with a locking rab.

On the moulded plastics side, LMG Fibrenyle took an award for the Boots Soltan container, which was the first extrusion blowmoulded pet container to be commercially available in the UK. This process overcomes the clatively poor melt strength of the material.

Lead times and costs for tooling are substantially lower than for injection stretch blowmoulded pet containers, says Fibrenyle (0502 713700). The same company was recognised for its 1.5 litre pet syphon for Coca Cola Schweppes Beverages. This consists of a custommoulded trigger with valve and a sleeved bottle with base cap.

51

Paint cans produced in 5 and 2.5 litre sizes won an award for the Industrial Containers division of LMG Plastics (0623 512012). The injection-moulded containers are exclusive to ICI for its Dulux Pure Brilliant White and Bright paints. Ease of use for the consumer, suitability for transit, resistance to acci-

APHROALG



dental spillage and good automatic handling were all part of the brief.

UK winners in cartonboard packaging included BPC Taylowe (0628 23311), which will be receiving its tenth award in nine years for a gift pack produced for St Michael and containing a selection of toiletries in the retailer's Magnolia range. The crash lock carton uses complex folding to resemble a woman's handbag.

Gold bronze powder, textured graining and a gloss varnish are used to striking effect on the pack, which has been used by Marks & Spencer in different sizes.

Cartons for Moy Park Stir Fry were produced by Cartonmaster (0260 297000) using the company's primographic process on a narrow web 406mm press. The five-colour uv lacquered carton was die cut in line, in a process which also suits pharmaceutical carron production. The pack and the technology behind it have already been recognised by an EFTA award.

Integration of the various pack elements for Allied Distillers' 15 year old Laphroaig single malt whisky was key to the design from Graphic Partners (031-557 3558). Green in the bottle is picked up in the presentation gift carton, a neck booklet of tasting notes and the capsule of the bottle. These contrast with the simple white

of the bottle label, the patch or the carton and the inner product brochure.

wooden pallet.

nated, and packing time has

improved by 15 per cent, says

Three awards went to SCA

Packaging (0895 445533) for

corrugated fibreboard packs,

bringing to 16 the total of

Worldstars won in the nine

years of the scheme's existence.

Canon Audio corner loud-

speakers combines two trian-

gular section inners and a

printed outer for distribution.

Space is optimised for transit,

allowing ten to be grouped

"Flat folding

advantages'

On a larger scale, SCA won

recognition for its Ecobox

returnable bulk container. With

a timber base unit, cross-ply,

triple-wall board sleeve and

moulded hdpe lid, the Ecobox

offers strength for loaded tran-

sit with the advantages of flat

folding within its own lid for

SCA's third award was for

a one-piece heavy duty corru-

gated reusable transit pack for

Jnipart International. By

adopting this system, Unipart is

said to have overcome prob-

lems associated with order vol-

ume and storage of its

transmission units. Cost savings

The wooden crates used

previously were required in

three different sizes, while the

SCA pack can be used for any

one of the transmission units.

Since they are delivered flat,

the corrugated cases also take

have resulted for the company.

storage and empty transit.

inside one multipack.

A transit/display case for

Tri-Wall (0600 772222).

Corrugated board for pos was produced by Encase Ltd for a combined Nescalé Gold Blend/After Eight promotion pack. The design for Nestlé aimed to achieve maximum impact without occupying excessive shelf space, says the company (0295 250971).

"Protective" sleeve

B-flute is used with six-colour plus uv varnish pre-printing. An acetate sleeve gives extraprotection to the products inside the single-piece carton.

The transit needs of high value scientific instruments were met by Tri-Wall fabricator Tri-Corr Containers, winning an award in the process. Graseby Specae requested a redesign of the transit pack for a small 50kg instrument

mounted directly onto a Key to the design is the internal one-piece die-cut fitthis and the can walls. ting which fits inside the pallet "Domed top, leaves spaces for protection and gives a rectangular shape for the outer case to slide tinplate can" over. Savings of 10 per cent have been made on pack size, with moulded eps being elimi-

NESCAFE.

For Gillette, the can is 7-colour

offset litho printed with silver and blue graphics. The dome of the tinplate can is made from the metal polymer laminate Ferrolite.

Ideal for protecting goods in transit, the system sandwiches items between two windows of Wolff Walsrode high memory film. After showing its product last year at interpack, supplier Rapida-Pak (0234 214896) has

Design and brand identity

entries, the WPO noted tendencies which included greater thought going into recycling, more engineering for protection at lower cost, and better graphics backed up by printing technology.

A range of criteria is Bi-can, CarnaudMetalbox Aerosols' bag-in-can system, won the company (0623 555555) an award for the Gillette Series shaving gel pack. The system encloses product -

especially of the viscous, foaming variety - inside a nylon bag, with propellant held between

NESCAFÉ COLDBLEND FREE After Eight MINTS

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After 🖲 Eight

FREE After * Eight MINTS

NESCAF

Having won the Packaging Innovator of the Year title, the Rapidapak system for suspending delicate products in polyurethane film inside a cartonboard box has gone on to take a Worldstar.

announced an order for 10,000 of the units in 1994.

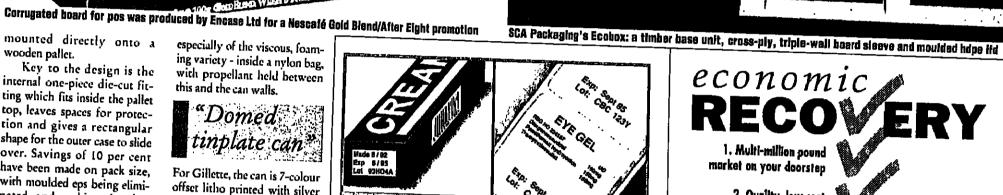
Child resistance is an important feature of the pack designed by PI Design Consultants for the Glaxo migraine drug Imigran. The pocketsized pack is sufficiently durable to be carried at all times, with colours and a logo which aim to communicate the benefits of the drug to sufferers, says PI (071-727 3226).

A soothing blue and grey have been used throughout on the inner pack and outer carton, both designed by the company

involved close cooperation between the pharmaceutical company and PI, says creative director Steve Kelsey.

In its general overview of

applied in evaluating the packs, including protection of contents, sales appeal, graphics, information, quality of production, economy of materials and technical innovation.



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Cut costs and downtime.

Replace your hot foil coder with

SMARTDATE* - the revolutionary

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It's easy to set up and extremely

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such as batch codes and best

before dates, as well as bar codes,

directly onto packaging with the

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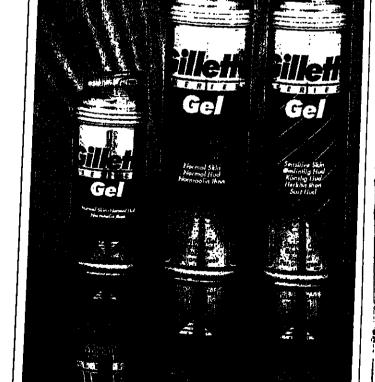
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Don't settle for less when Cleveland offers ten out of ten

CLEVELAND

Department of Environment, Development & Transportation, Gurney House, Gurney Street, Middlesbrough, Cleveland TS1 111, Telephone: (0642) 262686, Fox: (0642) 230954

Please help me to be the Cleveland County	part of the economic recovery and send me information pack.	_
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Bi-can, CarnaudMetalbox Aerosols' bag-in-can system, won the company an award for the Gillette Series shaving gel pack

PACKAGING NEWS/MARCH 1994

up less space.

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hing else is out of date

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paifets an hour can be schieved with one aingle operator and a PAL-U-LIFT Full system design svallable to cater for your individual

With the PAL-U-LIFT Box

Lifter System. Lifts your losd gently into its box and lifts the complete packaged unit. Up to 128 kgs capacity. Systams for high stacking up to 2.4m.

Bide lifting options for open-topped cartons.

TV box lifting/palletising a Problem, OR, LIFT THE COMPLETE LAYER:

Mith the PAL-U-LIFT multi-box litters up to 180 kgs capacity.

Palematic Handling Systems Ltd, Cobnar Wood Close, Chesterfield Trading Estate, Sheepbridge, Chesterfield, Derbyshire, 841 9RQ Telephone; (0248) 452084 Fax: (0246) 451379

URN AND MANIPULATE IT

Call on 0839 772268 or circle number (K3-449)

Design by Graphic Partners for Allied Distillers Laphroaig whisky

With a PAL-U-LIFT Box

Lifter System: Lifts your load gently into its box and lifts the complete packaged unit up to 125 kgs capacity.

Systems for high stacking up to Side lifting options for open-

OR, LIFT THE COMPLETE

With the PAL-U-LIFT Multi box lifters up to 100 kgs capacity. PALAPHATIC

Visitors to the Creative Packaging exhibition which runs 8-10th of this month in Hall 11 of the NEC, Birmingham, are invited to 'realise the potential of packaging' by organiser

Nexus Business Communications (0322) 660070). Running alongside the show will be Creative Packaging Workshops, jointly run by Pira International and Cowise Management &

Training Services (081-313 3713). These will cover Creative Packaging for the

Environment, Design Systems for Packaging and Product Security. Here we highlight all

Bucks HP\$ 3AX - 1el: 0494

1 Lincoln Road, Leasingham,

Sleaford, Lines NG34 8JS - tel:

THE ALBION MANUFAC-

A range of cord, decorative tas-

sels and trims for use on a wide

0529 304926, fax: 413464.

TURING CO LTD

791199, fax: 791188.

the companies attending in our Stand by Stand guide...

ADDINGTON HENDLEY Exhibiting at the show for the first time, this technical design consultancy will highlight its work in the area of creative cost reduction in packaging.

It undertakes all types of projects from simple design briefs to major rationalisation or automation programmes involving a client's entire pack-

aging range.
The Old Bakehouse, 1A Eskdale Avenue, Chesham, range of packaging is offered and new fixing methods for tassels for boxes, which allows them to be fixed to packs without requiring glue, will be demonstrated for the first time.

In-house dyeing and colour matching techniques are offered on the range of products and an unlimited number of colours can be achieved. 2 Lammas Road, Leyton, London E10 7QT - 1el: 081-539 7071, fax: 081-556 2276.

BARCO GRAPHICS

What are described as dedicated and comprehensive solutions to integrate electronic artwork with high resolution images for labels and packaging production through to final plate/cylinder layout will be demonstrated, Also Digipack production software, which has been enhanced with new features and productivity benefits.

At Ipex, Barco launched InkSwitch, a product said to overcome the long-standing problems in high volume printing of certain colour ranges where special sets have to be used instead of standard CMYK process inks. Further enhancements will be launched at the show under the name of Ink Planner.

0734 664611, fax: 665070. Stand: 123

Stand: 531

BELPAC LTD Heath Mill Road, Wombourne, Wolverbampton, W Midlands WV5 8AP - tel: 0902 897343. fax: 893708.

BLACKBURN CORRU-GATED PAPER COMPANY Interest continues in the BCP Creative Packaging's exclusive range of fully dyed E flute corrugated materials. Sharing a stand with specialist papermakers James Cropper ple, BCP products used by BHS, The Body Shop, Boots, Holland & Barrett and The Sock

Shop will be on display. Also on show will be silkscreen printed and foil blocked materials as well as laminated corrugated options. Freme Street, Blackburn, Lancs BB1 6EG - tel: 0254 52631, fax: 681736.

BN INTERNATIONAL 81 Borough Road, London SE1 IDN - tel: 071-403 0085, fax: 071-403 5989.

Stand: 316

Stand: 318

THE BOX CLEVER (GIFTWRAP) CO LTD 50 Suttons Park Avenue, Petapak Works, Sugar House 2QP - tel; 081-534 7744, fax: 081-519 6463. Stand: 416

CAMBRIDGE CONSUL-TANTS LTD

Among new packaging concepts shown by CCL are lower cost replacements for multipacks, novel and complex shaped sachets and multichamber containers. Also to be demonstrated are its web handling techniques and micro perforation technologies.

The multi-chambered containers are said to be an ideal way to keep component materials separate until point of use and applications include alternatives to yogurt twin-pots or for such products as adhesives.

As well as developing its own concepts, the company also responds to manufacturers' requests for solutions to technical problems and its services include market strategy as well as new product and packaging development.

The Science Park, Milton Road, Cambridge CB4 4DW tel: 0223 420024, fax: 423373. Stand: 208

CARNAUDMETALBOX SPECIALITY PACKAGING A range of innovative decorative tins, used by many companies to market and promote

creative creative packaging packaging

the Nysco point of sale and

presentation shelf merchandis-

ers which are said to combine

the look of a custom display

with the convenience and

comes the Microflex transit

case: an injection moulded

polypropylene container fea-

turing foam inserts to cushion

products during transit and

storage, TOPS Packaging Sys-

rems, a division of KCG, will

launch its latest generation of

packaging and distribution

Fraser House, Bridge Lane,

Frudsham, Cheshire WA6

7HD - tel: 0928 739520, fax:

All aspects of the self adhesive

label range from the company

will be on show including

Pharmatext, the latest leaflet

label system design to provide

maximum infomration for

pharmaceutical and healthcare

applications. Also on show

will be Labeltext, the highly

successful patented, rescalable

label system offering numer-

ous pages for information or

Four other leaflet label

combininations will be on show - Plytext, Promotext,

Collartext, Booktext - which

can all be custom-designed to meet end user needs. In-house,

bespoke design facilities are

also available through its sister

company, Reproactive Ltd.

This company has extensive knowledge and dar equipment

promotional use.

optimisation software.

LABELTECH LTD

739527.

Stand: 20

From Microflex Packaging

economy of a stock system.

their products, will be on show Mansfield Factory, Rock Valley, Mansfield NG18 2EZ - tel: 0623 22651, fax: 24626. Stand: 327

CARNAUDMETALBOX **CLOSURES UK**

Exhibiting for the first time, the company will display its innovative ideas for the packing of products in glass with metal closures. It will also be showing its latest ideas for the fruit juice and dairy markets, and exhibiting its new retortable cap for use in microwave cooking.

The concepts of 'Tumblerpacks', where the container can be reused many times as a tumbler; 'eat from' packs, where the container can be used as a plate or serving dish and the latest tamper evident and decorated cap designs will also be on show.

Lake Road, Hamworthy, Poole, Dorset BH15 4LJ - tel 0202 674321, fax: 676963. Stand: 210

CHARPAK LTD

On show will be an exclusive range of 'off the shelf slide on blisters' as well as other forms

to provide a fast turnaround of design work.

4 Critiall Road, Witham, Lovey CM8 3BI - tel: 0376 501144. lax: \$10979. Stand: 70

LAWSON GROUP A peclable, easy open laminate

called CX-P - which can be combined with printed or plain primary webs to provide finished laminates offering a wide choice of properties and performance, will be shown by LMG Smith Brothers as well as Zip Tite easy open and resealable bags. Among exhibits from Lawson Mardon Flexible will be the first commercial application of Flexi-Pouch, the stand up pouch for packing liquids, powders or granulates.

LMG Superior Packaging are at the exhibition for the first time and will be displaying its shrink sleeve and wraparound labelling capabilities. Decorative tins - three of which have just won Worldstars - will be shown by Lawson Mardon Decorated Containers while from LMG Fibrenyle will be the latest blowmoulded plastics containers for the personal care, household, agrochemical, food and drink markets.

A tamper evident seal for beer kegs which has been designed in conjunction with major UK breweries, will be displayed on the stand by Lawson Mardon Plastics. Avonbank, Clifton Down,

Bristol BS8 3HT - tel: 0272 735080, fax: 735810.

LONDON FANCY BOX COMPANY LTD

Using the latest cad/cam techniques, the company continues to innovate in design and construction of rigid boxes. Recently, the company has introduced a divisional structure to better serve specific end-user markets. Each is selfsufficient from design right through to manufacture.

The Castle division serves the beauty, music, stationery, video and drinks sectors while the Valley division will serve confectionery, film, games and publishing markets.
On display will be exam-

ples of the box maker's art and demonstrations of box making. Poulton Close, Dover, Kent CT17 0XB - tel: 0304 201598. fax: 213570. Stand: 527

M PETRUSHKIN LTD Sugar House Lane, Stratford, London E15 2QP - tel: 081-534 7744, fax: 081-519 6463. Stand: 416

MAILWAY PACKAGING GROUP

The wide range of promotional, contract packing and vacuum forming services will be highlighted by the group which has four factories located in both the North and South of England.

All of the plants house controlled environment areas to meet demanding hygiene requirements for packaging foods, confectionery and personal care products. In addition,

CHENNELVE PACKAGING

needs acquired UK subsidiary MW I map ofters specialised contract packaging services for the pharmaconical industry.

Services range through design, manufacture and printing of a variety of packs, collation and production mulitpacks and special promotional packs, high frequency welding, shrinkwrapping, creation of point of sale displays Established in 1878, the and production and application

of shrink sleeve labels. Custom made and standard products from its Showcase range of folding blister packs and sample packs will also be on show.

12-16 Pit Cliff Way, Uppersastle Street, West Bowling, Bradford BR5 7SG - 1el: 0274 720019, fax: 370132. Stand: 431

MANCHESTER PRINT

Harper Road, Wythenshaw, Manchester M22 4ST - tel: 061-

998 JASS, fav: OST-998 6834. Stand: 108

MILBOURNE PACKAG-

A range of bespoke cartons, earrier bags and ancillary goods, including fine printed tissue paper, designed and manufactured for mainly retail outlets will be on show.

company specialised in covered rigid boxes for the first 100 or so years but has now developed into cartons and then carrier bags. These imported bags have cord and die eut handles.

Carton work has progressed through the years and in 1992, the company worked closely with Pethick and Money on the M-Pak carton which the company now manufacture under licence. Recent samples of this carton will be highlighted on the stand. n Eden End, Feathers Hill,

Hatlield Broad Oak, Bishops Montford, Herrs CM22 7HD tel: 0279 718800, fax. 718822.

Stand: 216H

right visual and verbal language

A recent project was with

Roche Products, which wanted

to update its Valderma Skin

Treatment product. This

across national frontiers.

MINALE TATTERSFIELD & PARTNERS LTD

NEDITED A range of water soluble pack-This international design aging films from the company, consultancy will stress its work in the area of pan-European suitable for both cold and horbranding. Its network of lifteen water applications, will form the main feature of the display. design and marketing offices worldwide means it can offer a These films are said to be truly international project manideal for a vast range of prodagement service to find the

081-948 2435.

Stand: 216E

detergents, dyestuffs and animal health products. Dalton Way, Middlewich Rusiness Park, Middlewich, Cheshire CAV10 0118 - tel: 0606

uct types including agrochemi-

cals, household chemicals,

The Courtyard, 37 Sheen

Road, Richmond, Survey TW9

131 - rel: 081-948 7999, fax:

836155, fax: 836408.

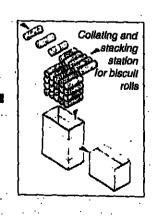
NORDEN UK LTD Church Street, Baldock, Heris

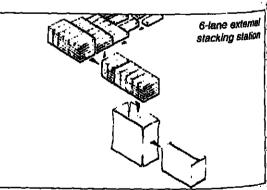
f.ex: 895683. Stand: 103

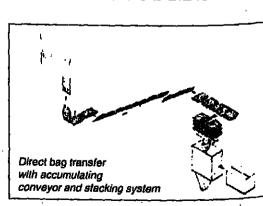
FINAL PRODUCT HAN

Case Packer 490-Toploader SERVO ASSIST SIZE CHANGE WITH MEMORY DIRECT LINK TO ANY FORM FILL + SEAL











FOCKE & CO

FOCKE & CO.(UK) LTD. COURTENAY WORKS. M TELEPHONE 0482 756094



involved an overhaul of the pack shape which increased sales by over a third in the first six months of launch. The company believes that this highlights how design can play SG7 5AF - tel: 0462 895245. a vital role in the marketing plans and objectives of a brand. **Boxes Bursting with Innovation**



X Co Ltd

04) 201598 0304) 213570

Call on 0839 772268 or circle number (K9-467)

One packaging journal. Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts EN4 OBU - tel: 081-242 3147, fax: 081-242 3154. Stand: 213

PAK 2000 (UK)

Church Court Business Centre. Church Court, Preston, Lancs PR1 3BS - tel: 0772 880500. Stand: 132

PETHICK & MONEY

A complete design service is offered to clients including name generation, trademarks, packaging construction, graphic design and packaging logistics. As well

as offering clients simple and classic designs, the company aunched its own carton system, M-Pak, in 1992. The latest development is X-Pak, a totally glueless carton suitable for the fragrance, cosmetics, confectionery, lingeric and gift markets. Studios 465, 75 Filmer Road, London SW6 7JF - tel: 071-384 1298, fax: 071-731 8314.

PICADOR INTERNATIONAL The Parsonage, Winford, Bristol BS18 8DW - tel: 0275 474704, fax: 472108.

PIRA INTERNATIONAL

Pira personnel will be able to

explain the research, database,

life cycle analysis and other

work of the organisation as

well as its extensive range of

Randalls Road, Leatherhead,

LAWCO CODING AND MARKING

SYSTEMS

LAWCO HOUSE, VAUXHALL ROAD, LIVERPOOL, L69 3AU.

TEL: 051 227 1212. FAX: 051 227 5900

publications and seminars.

Stand: 216D

sales sample cases, soft stitched bags and literature boxes. 80 Coleman Road, Leicester LES 4LF - tel: 0533 767562,

portfolios, sales presenters,

are other options.

PRESENTATION PROD-UCTS LTD

The company designs and manufactures wooden, paper and fabric covered boxes for many

TOTAL COMMITMENT TO SUPPLYING

EFFECTIVE AND RELIABLE SYSTEMS

FOR YOUR CODING AND MARKING

NEEDS

A Large Character Ink Jet Coder which prints characters

printing batch codes, product names, dates and with the

facility for consecutive numbering and real time clock.

Fast drying inks for porous and non porous

Consistently high print quality.

Low ink consumption.

Full technical support.

Fast code changes with no mess.

between 14mm-28mm quickly and clearly. Ideal for

Surrey KT22 7RU - tel: 0372 different products, each one 376161, fax: 377526. produced specifically for the product it contains.

C.R. E-A-TALEV E P.A.C.K.A. GFIEN.G

Designs used for consumer POTTERTON OF LEICESitems such as crystal, ceramics, toiletries, stationery, wines, Promota cases, produced spirits and fine foods will form from extruded polypropylene part of the display. Also on sheet and available plain or printed, will be on show. Foil

show will be small hinged boxes in a natural wood finish, painted blocking, stitching and riveting containers and trays, crates and stained wooden chests with Also manufactured by the brass comers and handles. company are presenters, Boxes covered in printed

papers, fabrics and leather, hinged or with lift off lids in different shapes and sizes, complete the extensive display. Abbey Works, Arbroath, Angus, Tayside DD11 1TZ tel: 0241 78441, fax: 15560. Stand: 325

RAFLATACLTD A major feature of the stand will be the (TRA) Ecotae RP-

10 repulpable adhesive just

LAWCO

used with totally chlorine-free label papers such as Velluni. Data and Copylaser. The result, says the company, is a range of recyclable, self adhesive laminates designed for applications where recycling is essential. The entire range of syn-

launched by the company. The

first generation TRA can be

thetic labelstocks in both pe and pp will also be on show, as well as two recently introduced grades of recycled paper - Regloss and Revellum.

Copies of its new brochure which is designed to guide label converters and users in their selection of materials will be freely available on the stand. Wareham Road, Eastfield. Scarborough, N Yorks YO11 3DN - tel: 0723 583661, fax:

RED BRIDGE (BOLTON)

The Creative Packaging theme has been taken to heart by this company who has organised a nationwide packaging design competition, the final of which will take place on the last day of the show. Designers and manufacturers have been invited to submit designs - either actual finished packaging or drawing board concepts which use any of the company's many packaging coverings. Work from the finalists will be displayed on the stand.

Acrolin has recently been used for special promotional carrier hags for Bass beers, Worthingtons Best Bitter and premium lager, T.A.G. Each bag contained a specially designed polystyrene fitment to hold two cans of Best Bitter and two bottles of T.A.G.

Red Bridge Mill, Ainsworth, Bolton, Lancs B1.2 5PD - tel: 0204 22254, fax: 384754. Stand: 326 RELUTEX 19-21 Rue Baudin, 93310 Le Pre Saint Gervais, France - tel: 1 48440129, fax: 1 48440363.

automatic case erector, linked

creative: creative packaging packaging

part of the company's Con-30

conveyor range for the next

Unit 18, Palmerston Street,

Hanley, Staffs ST1 3EU - tel:

The company is trying to

encourage packaging designers

to involve them, a specialist

label producer, at the initial

design stage and not as an

afterthought as well as to

experiment with materials

On show will be last year's

rather than relying on comput-

Fasson Award winning label,

designed by Kathy Miller for

the AME brand. Kathy

approached the company with

a bottle wrapped in parchment

and tied on with rafia and this

product is now exported all

production facilities, the com-

pany also produces reel fed.

self adhesive labels using the

lithographic print process, said

to allow the company to

reproduce designs without

compromising original ideas.

Darlington Road, Northaller-

ton, N Yorks DL7 8UA - tel:

Products from its extensive

range of decorative packaging

0609 780333, fax: 780423.

STRIBBONS LTD

Stand: 109

As well as standard label

er created graphics.

over the world.

0782 274100, fax: 272696.

SPARKPRINT LTD

stage of packing.

Stand: 131

REPROACTIVE See Labeltech Ltd.

ROBINSON SPECIAL PACKAGING

Part of the Robinson Group, the company specialises in spirally-wound round containers and rigid boxes. As well as circular containers, the spirally-wound concept can be combined with other rigid box elements to 'ovalise' the overall pack shape.

New at the show is an all paperboard can - APC - which s manufactured from 80 per cent recycled material and is 100 per cent paperboard which is said to maximise reuse or recycling capabilities.

Rigid boxes can also be supplied and examples of work for such clients as Boots, Laura Ashley and EMI will be on

Chatsworth Road, Bramton, Chesterfield, Derbys \$40 IYD - tel: 0246-220022, fax: 220913. Stand: 435

ROCKWARE FLECON-

Weeland Road, Knottingley, W Yorks WI'II 8AP - tel: 0977 674111, fax: 672879. Stand: 125

SOCO SYSTEMS UK LTD A complete Single-Operative Packstation, capable of crecting, sealing and accumulating random case sizes using only one operative will be exhibited Designed with many adjustments, for operator comfort, the unit has an approx 8sq m lootprint so is ideal where space is limited.

It consists of an F-100 semi

to a T-55 case sealer. Fitted to this case sealer is the Zipper system. This applies a small triangular piece of paper during scaling which give the cases a ramper evident feature for security which is also easy to open. Once sealed, the cases feed Double walled plastics lars will be shown by William Croxsor onto a Boomerang conveyor,

will be on show suitable for all types of gift packaging in market areas such as food and confectionery, wines and spirits, greetings cards, gift wrap, toiletries and cosmetics.

Standard items available from stock include tote bags, pull bows, mini bolws, foil wrap as well as stretch loop bows. Specialist products include cords, tassels, ribbons and bows which can be both

hand and machine tied. The new Natural Decoration' range will be featured which include bows and tassels manufactured from paper, cotton, jute, sisal and flax. Also new is a large range of

polypropylene ribbons. Unit 129, Laurence Leyland Complex, Irthlingborough Road, Wellingborough, Northants NN8 1RT - tel: 0933 443446, fax: 443435.

TECHNOPRINT INTER-NATIONAL

Exhibiting for the first time at the show, this print bureau operation can supply swing tickets, over-riders, garment and shoe labels as well as self adhesives or sew in labels. An extensive range is manufactured to what is described as the highest standards at the keenest prices. As well as offering fast turnaround on its hotfoil machines, the company can also produce complex shapes

with laminated finishes. Bradford Street, Keighley, W Yorks BD12 3/Z - tel: 0535 612031, fax: 690388.

GREATIVE PACKAGING

USIPLAST SA (PRIPLAK) 15 Place de la Nation, 75011 Paris, France - tel: 1 43484242, fax: 1 43489290.

WALTER COLES & CO

PO Box 42, 47-49 Tanner 071-407 8291, fax: 071-357 Stand: 107

WATERSHED PACKAG-

Witton Heath Farm, Manor House Lane, Leeds LS179JD tel: 0532 371114, fax: 371116. Stand: 104

WATSON GRANGE LTD Napier Street, Linwood, Paislev. Scotland PA3 3DF - tel: 0505 321543

WILLIAM CROXSON &

SON LTD An exclusive range of double walled, plastics jars will be launched in sizes ranging up to 80z. They can be manufactured in any colour with a straight or rounded base and include a continuous thread finish.

The jars have a polystyrene outer wall and a polypropylene labels for on pack product Kangaroo labels - so called

arrier bag made of Acrolin acrylic coated paper from Red Bridge

inner and, for cosmetics or

pharmaceutical applications.

special finishes can also be pro-

vided. These include high gloss

also feature, including a selec-

tion of more unusual and spe-

cialist containers from around

Subsidiary company

Copeland Chatterson Co Ltd

will share the stand with exam-

ples of products which demon-

Alpha Place, Garth Road,

Morden, Surrey SM4 4LX - tel:

081-337 2945, fax: 081-337

WILLIAM SESSIONS LTD

Among a wide variety of stock

and custom printed self adhe-

sive labels will be a number of

new products including the

Mulit-Layer resealable label

range. These are designed to

provide up to three times more

text area than conventional

strate its print capabilities.

Glass bottles and jars will

and organic frosting.

because one label carries another - will feature, which can also provide an ideal self adhesive medium for promotional applications. The main feature is a printed portion, die cut to any shape, which can be detached and used to affix information elsewhere.

Tactile labels will also be displayed which can be used

for hazard warning symbols to aid safety for the partially sighted or blind.

The Thor Press, Huntingdon Road, York, N Yorks YO3 9HS - tel: 0904 659224, fax: 644888. Stand: 313

WINTER & CO

A wide variety of luxury covering materials will be on show including finished examples of Natural Papers, Simulated Leathers, Woven Textiles and Coated Materials, Box and other forms of packaging coverings are also available. Stonebill, Huntingdon, Cambs PE18 6AY - tel: 0480 455321,

Stand: 413

WOKING TUBE PROD-

Straight wound cardboard tubes for applications as diverse as fibre drums to hat boxes and shaped containers to winding cores as well as 'rolled to fit', purpose made versions are all available from the company. Special mandrels used in he manufacture allow tube diameters from 75mm up to 610mm to be produced.

Boxes for gift packaging, product presentation, decorated containers and dispenser drums will also feature. The company can cater for low volume users. Abstracta House, 187 Brent Crescent, London NW10 7XR - tel: 081-965 8845, fax: 081-

ERECTION PROBLEMS?

Newbury Machines can automatically erect

most transit/display packs

Improved Product Presentation

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Reduced Pack Costs &

TYPICAL PACK STYLES SERIES IV

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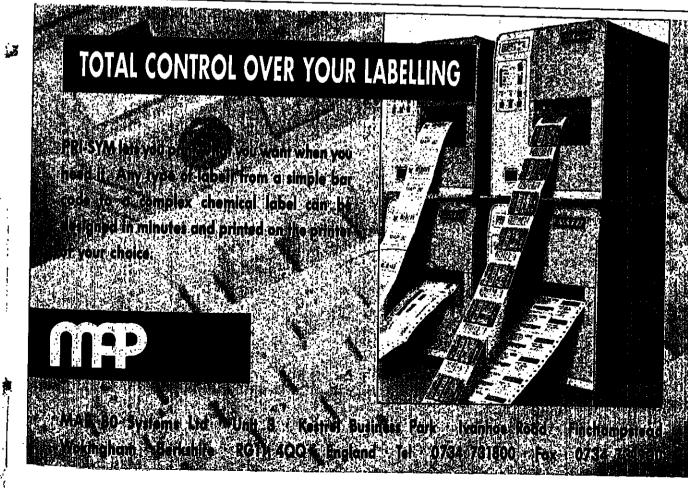
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Call on 0839 772268 or circle number (K3-405)



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Ken Dolling

38 Castle Farm Road

Hardram Abbots

Bristol BS15 3NN

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To discuss your specific tray and case

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PACKAGING NEWS/MARCH 1994



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Aaronline is the electronic origination of dimensional keylines and is the dimensional equivalent of the industry colour matching system (Pantone), according to Martin Dyckhoff, marketing director at Aaron (Westward House, Montrose Avenue, Slough, Berks SLI 4TU - tel: 0753 553500, fax: 553532).

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mation for artwork and design, physical outlines, all overprint areas, bleed/seal lines and critical print area for all packaging types and styles. More importantly, it

allows sign-off for dimensions of digital proofs at every stage, includes sign-off for work notes, covers print processes to be used, number of colours, print sequence, and is supplied in foreign language versions. Until everyone involved works through the sequence of procedures paticular to them to be signed off which appears on the screen alongside the keylines, it cannot be sent off.

Mr Dyckhoff tells PN that a large percentage of the retail sector is interested in acquiring the software and recommending it to their suppliers. Cau-

the system is Gateway/Somerfield, which is currently installing the software. "At the moment the degree f difference we receive in keylines is enormous: it varies from a scribble to an acetate," Paul Day design development controller for Somerfield, tells

tious optimism in it has been

voiced by most of the super-

market groups and first to test

Packaging News. "Lots of time and effort is wasted at this stage trying to decipher the keyline: that is why the opportunity for something that standardises it is very important," he adds.

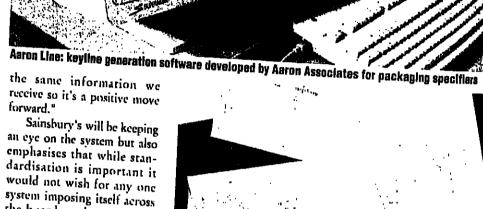
Incorporated into the system is a security feature so that any variable once entered is attributed to a person and named. No change can be made by another person on that variable, so that people become responsible for particular aspects of the template.

While optimistic about the possibilities for Aaronline Mr Day emphasises that "We are not looking to combat every keyline," and the company is not going to force its use on its

If tests live up to expectanons, Mr Day expects benefits to include savings in time and cost and getting consistent formation from suppliers.

"Working

Helen Marsden, senior



Examples of manual keylines; by nature sometimes haphazard

among all the parties involved, so that a lot more information is required up front. "Anything that does this I welcome. It educates everyone and opens up designers and printers."

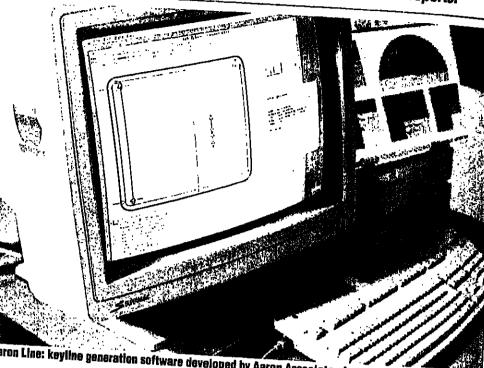


parameters"

"We believe the system will help designers and they should have the keylines available before the drawing is done: this will help them work within some parameters so we are not faced with people further down the line coming back and saying this can't be done," comments Mr Day.

manager packaging, communications and design or Sains bury, agrees that the general principle of standardisation offered by the Aaron program provides benefits, "It would clarify the different version of

echnology software programs are being कार से 10 cut costs and time for an ever more ા પ્રાથમિક મામ કરાયા માં કરાયા મામ કરાયા કરાયા મામ કરાયા મામ કરાયા કરાયા કરાયા કરાયા કરાયા કરાયા કરાયા કરાયા ક imaging creates detailed images of the product. Other systems are meeting the need to increase cooperation along the chain from designer to printer. Camila Reed reports.



the same information we

at this sort of thing. We are keeping an open mind. Its like will increase communications the early days of VIIS and Betamax video. We don't want

Mr Dyckhoff is confident the system will become an industry standard and will be supported by printers and ultimately by manufacturers.

0000



Be a Pal to Yourself!

to go for the wrong system,"

Ms Marsden says that the soft-

Benefits cited are that it

ware complements dar.

the board so that "some of

those peculiarities in print

don't come through which

sometimes really make some-

"This is the first approach

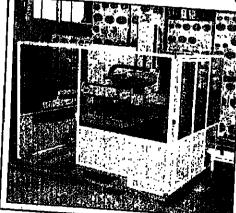
thing," says Ms Marsden.

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TPACKANGING DESIGN 3D imaging investment

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product in

colour, in

3D, in four

90deg turns,

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they go to

the market.

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can then

decide if a

product is

correct for

the product

make any

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substantially

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lave to write

ТЬ

benefits of

doing it this

way at this

t all off."

We

Packaging News.

becomes more acute, companies are looking at ways to optimise technology in design - in order to see more realistic images of their product at an

carlier stage, and to cut costs. While the software for 3D imaging exists. training in advanced and specialised uses of the systems does not appear to be readily available, saysdarcompany Packaging Interface, a subsidiary of the Litho

Stop Group. An investment of £25,000 has been made in training in-house and systems improvement since the acquisition of 3D software and complementary ĥardware by the com-

Since December, clients, such as Dairy Crest and PLM Redfearn have been offered 3D imaging services.

"We can take a flat design from a profile of a container with a pre-distorted shrink sleeve label and turn it into repro-ready artwork in a mocked up format in days," Cliff Barry, md of Packaging

provide sayings in time and money. "You can try the product out in the market, present prospective promos in colour without having to make the product. Any changes at this stage are lowcost since you don't need to remake plates, films dies etc,"

says Mr Barry. Once the work is prepared, the company sends the clients of 300, 12 lines a millimetre ty, further decreasing lead-

er's terrain," he tells PN.

initial concept with colour markings. This speeds up the design process, while reducing the amount of work designers may have to do.

ing 3D imaging specialist and Mac operator, Mark Gibbins, who was instrumental in choosing the 3D package, says he was influenced by the added flexibility of surface textures,

and a disk or material down isdn links of pure repro qualitimes. Average jobs are carried out between one and five days.

Mr Barry says there is a difference between digital design and digital artwork. "We specialise in dar and do not encroach upon the design-

Having said this, the company can work from just the

Packaging Interface's lead-

of dar," says Mr Barry.

labels onto bottles in 3D.

The bottle, which has a Dick Tracy theme with up to eight colours and total surround image, is part of an added value portfolio being put together by PLM Redfearn. Problems included a

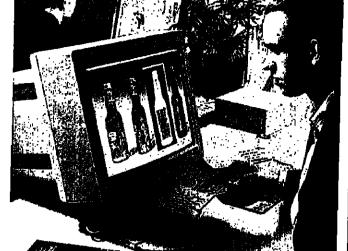
choven software. Cooperation is a big part of

TECHNOLOGY

the company's philosophy. "We speak to the printers and find our the distortion factors. which are then taken into account and built in. So when we come to distort it is where the customer wants it to be.

"We just need the concept work with the colour marked up. The designer can stop at this stage for the full benefits

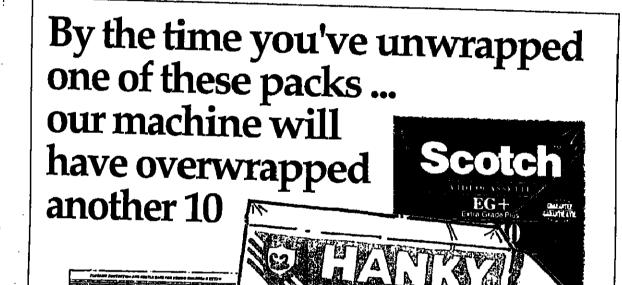
Testing the companies capabilities has been the work on a bottle by PLM Redfearn with a shrink sleeve label supplied by Smurfit Precision Labelling, Packaging Interface believes it is the first UK company to be able to shrink sleeve



The product will be presented in colour, in 3D, in four 90deg turns

very elaborate design, carrying bottle and so ascertain the a great deal of very thin type shrinkability factor. and an airbrush vignette.

"Packaging Interface was Gillian Sheen, marketing recommended to us by Smurfit. executive at PLM, says: "We one of our suppliers. It saves can produce 3D images on time, by allowing you to visuscreen of a bottle and have, alise the bottle immediately." but what we can't do is For further K3 Call for details information 116 0839 772268 shrink the sleeve onto the



Pocket Handkerchie

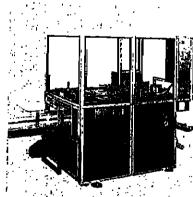
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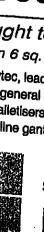
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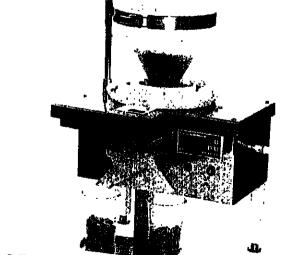
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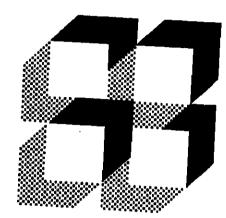
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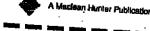
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PACKAGING DESIGN TECHNOLOGY Report surveys market openings

A lack of data into market opportunities for UK design consultancies in Europe led the Design Association (DBA) to launch a report. The market for graphic design in selected European countries, into how UK design consultancies can penetrate these markets, which amount to over £100 million.

Supported by the Department of Trade and Industry, the DBA has focused to begin with on Germany, Scandinavia and Spain. The research covers graphics, product and interior design. In-depth interviews were

conducted with over 100 major buyers and suppliers of design services and trade associations. The report pinpoints where

potential growth lies and how to tackle it. It also includes an analysis of market size and structure, number and type of suppliers, attitudes towards UK consultancies, future trends and the design consul-

"Informed

Ian Rowland-Hill, chief executive of the DBA (29 Bedford Square, London WCI - tel: 071-631 1510, fax: 071-255 2027) tells PN: "Our research gives a clear informed view of the European market for design. The information should act as a catalyst for those aiming to enter, improve or consol-

idate their position in Europe." Of the countries studied. only Spain has a longstanding tradition in graphic design. Most of the country's leading design consultancies are involved in the field. Fmcg (fast-moving con-

sumer goods) companies, particularly in the food and drink and tobaceo sectors, account for the mainstay of demand for graphic design, accounting for close to half of graphic design sales by consultancies in the countries surveyed.

The nature of the food and drink industry in each nation appears to some degree to have affuenced the structure of the graphic design consultancy market. "In Germany, where the industry is fragmented and largely regional, demand has largely been met by small local designers" says the report.

"Export oriented"

In Spain and Scandinavia the food and drink industry is more export oriented: the report concludes that this has encouraged the emergence of the leading graphic design consultancies.

One area in which UK consultancies are unequivocally regarded as superior to their local counterparts by designers and buyers alike is in their business methods.

Of the markets surveyed, the largest is in Germany, where the food, drink and tobacco industries are just over twice the size of those in the UK with a turnover in excess of £80 billion.

Stimulating trends identified in Spain are: a growing awareness of the value of brand differentiation, an emphasis on quality, particularly in exportoriented sectors such as wine, and the redesigning of labels aimed at export markets in order to conform to European Union labelling requirements.

Blue and original

A true blue contender for the Durch national packaging awards is a bottle designed for the launch of a vodka by Dutch distillers Hooghoudt. called Royalty Vodka, primarily aimed for the USA and Asian markets, Amsterdam-based Design-

ers Company was asked to design the vodka for export markets as well as choosing the brand name.

"The sturdy glass bottle was to be royal blue with finely contoured curves leading up like rounded shoulders to a long neck bearing the Dutch royal seal*, says Rob Verhaart creative director at the Designers Company (Oranje Nassaulaan 9, 1075 AH Amsterdam, The Netherlands - tel: 010 31 20 671 9988, fax: 671 5093).

But says Mr Verhaart "The bottle's crowning glory was left for the lower mid section. There, securely fastened to a dimple in the glass was the essence of Holland - a coin known affectionately by the Dutch as a 'dubbeltje' (a little double)". This tiny silver coin is just 1.5cm wide. Pieter van de Rest, client

duced the steel cap.

The royal blue vodka bottle

services director, explains: "The

royal blue colour stands out as

fresh and ice cold. Even more it

suggests quality. While the

shape of the bottle is unique, its

sturdiness and simplicity are

The bottles are manufac-

clearly in line with the times,"

tured by Gebruder Stoevesandt

in Germany while the print sil-

ver lettering is done by French

company Saga Decor and the

UK from MSG Closures pro-

Digital artwork on show

Darpack 94, an exhibition dedicated to dar (digital artwork and reproduction) in packaging will take place on November 9 and 10 at the Novotel in Hammersmith, London,

The event, supported by major pre-press suppliers aims to attract around 40 companies and 2000 visitors for the specialised show.

"It will enable suppliers of pre-press and packaging systems, dar services and data communications to target the important and rapidly growing market in packaging," says exhibition manager,

Gary Swinford of HR International Exhibitions.

"The level of acceptance of dar amongst retailers, FMCG companies and packaging manufacturers is patchy. Darpack gives suppliers a clear focal point in which to sell the benefits of the dar process to brand, product and marketing managers without over technicalising."

For information, contact HR International Exhibitions. Post Office House, Samhourne, Wores - tel: 0527 892454, fax: 894127.





Software gives palletising solutions

Packaging design technology is one of the factors helping new packs reach the shelves faster. "The latest cad/cam systems. for example mean that technical engineers can design a com plex-shaped bottle in two hours", Simon Richmond marketing manager at Rockware Glass, tells Packaging News.

"Packaging design technology via software packages is also ensuring that products arrive on retailers' shelves undamaged by devising optimum packing and palletising solutions for containers through their distribution process." So that its customers can

get the most from such technology, Rockware encourages its use at the concept stage of any new bottle. To do this, Rockware has

developed a software package called Transpack which helps the company design packaging for both empty and filled glass containers.

In use since the early 80s the company has been updating its software and hardware to offer customers and clients more. The program was 50 per cent available off the shelf and the rest of the program was customised for Rockware.

It provides models for packing and palletisation and recommends the best use of pallet and transport space, says

packaging in two modes, taking the customer's pack and filling it or demonstrating the bulk palletisation method. Work is done on a variety of packaging concepts, although the company rarely gets involved in the customer's design of a pack.

Design is limited to the surface of a bottle: labels and colours are not usually added. Mr Baker says that while the firm has the software for this it does not currently have the hardware to match, although in future it may go down this

done involves enhancement for existing agencies.

The company thought that with the introduction of 3D imaging fewer perspex models would be made. This has not been the case. "We are supplying more perspex models than ever. I don't think you can do away with the perspex or glass model because people still like to feel the bottle and see the texture," says Mr Richmond,

After consultation with a customer, Rockware produces a 2D outline and then a 3D image. The next stage is for the container design to pass through a series of stringent quality control procedures computerised analysis of both stress glass and temperature distribution are an integral part of this process.

As soon as the design has been approved, the customer receives a colour screen image plot print, complete with a detailed technical specification approved to BS5750, which is then passed on for the design of mould equipment.

*The continued influence of computers in the development of packaging companies' commercial and technical functions is guaranteed and the area of design will be no exception," says Mr Richmond,

For further K3 Call for detail information 120 0839 77228

Vacuum Pumps & Systems Strike! is aimed at designers who are already using a Mac or pe based package like Illustraor with the Acsthedes linework console from Barco. It combines the design packages of all these with new func-Busch (UK) Ltd tions in one package. Menu

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Rockware also supplies route. Some work currently Swift electronic design system

With 30 to 40 projects in different stages of completion in any week, du Bois Ording Design by, a Dutch packaging design consultancy, makes full use of Barco Graphics' electronic design and production systems. Mr Sieben du Bois' nid explains: "Without such a system it would have been impossible to have completed a recent project which involved

the design and mock up of 64 different beer labels within a

Tony Baker design manager at

Rockware Glass (Headlands

Lane, Knottingley, W Yorks

WF11 OHP - tel: 0977 674111,

specifications each month for

Rockware's plants and cus-

tomers. The majority of this is

bottles only and will involve

the company working with

designers. "We take the con-

cept and make sure its a manu-

facturable product, giving them

an engineering input so that a

perspex model can be made if

necessary," explains Mr Baker.

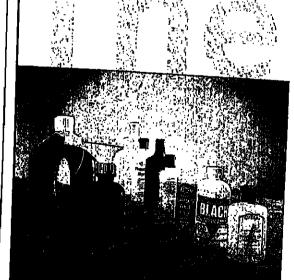
It produces on average 250

period of six to ten weeks." Although du Bois specialises in design consultancy, the company has been structured to assist clients in a number of other areas. This includes marketing consultancy, the development of long term brand strategies and the provision of total project management.

"Our computer configuration is not seen as one of our unique selling points but it forms the backbone of our

internal organisation," he says. This year it became the first Beta site to install Strike! Barco Graphics' (50 Suttons Park Avenue, Reading RG6 1AZ - tel: 0734 664611, fax: 665070) latest creative linework design package.

and windows are user friendly. Additional concepts include automatic curvature control Shropshire, TF1 4ET in splines and a mixed interactive/numeric approach in all Fax: 0952 677423 design functions. Call on 0839 772268 or circle number (KS-475)



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CONTROL PRODUCTION & PRINT

Six-colour promises savings

A six-colour Komori Lithrone 40 with semi-automatic platechanging has been officially commissioned at S&D Cartons' recently opened 20,000 sq foot factory in Crewkerne for food packaging, which accounts for over 50 per cent of the firm's current output.

The press forms the central part of a \$2 million investment programme at the site, which also includes a Bobst 102SE die cutter and Domino 90 folder gluer.

The Lithrone 40 is the company's second press supplied by Komori UK Ltd (Kirkstall Industrial Park, Kirkstall Road, Leeds LS4 2AZ - tel: 0532 79909, fax: 798669).

Philip Jackson, S&D's md, says: "The six-colour capability as opposed to our existing four, will see significant savings as the majority of our production will be achieved in one Preparing for Papro '94

The third international fair for

package production, paper,

film and foil manufacturing

and converting machinery,

materials and processes, Papro

'94, will take place from May

25 to 31 in the Düsseldorf Exhibition Centre, Ger-

many, with about 700

exhibitors signed up

and around 40,000 visitors

For the first

time and run-

ning concurrent-

ly with the fair

will be the Zell-

chemin-Expo

run by the Ger-

man Association

of Pulp and

Paper Chemist

and Engineers.

On the last two

days, the Paper

Technology

Foundation is

also organising

expected.

pass, instead of the current two. The semi-automatic plate changing (sape) and automatic wash-up will also dramatically reduce setting times while the automatic blanket washing will also save time both at set up and during the run."

"Expected

Sape was chosen over automatic plate changing due to the short and medium run nature of the work undertaken by S&D as well as cost. Payback is expected within the first year. Set up times in total are expected to halve. "Six colour change can be achieved in an hour, before it took us two," Mr Jackson tells Converting World.

The in-line coater will have a double extended delivery sec-

are up on the previous fair with

German participation, fol-

lowed by Great Britain with

Italy has the largest non-

28 countries now represented.

tion, which combined with the addition of hot air knives to the IVT infra-red drying unit will allow higher weights of ensulsion coating to be applied and higher machine running speeds to be achieved without incurring any drying or blocking problems.

For varnish finishes Mr Jackson says that after considcrable debate ir was chosen over uv curing because it was considered conventional inks still provide a higher print quality. Recent developments with emulsions and drying systems enable in-line entulsion coating to achieve gloss levels very close to those obtained with uv in-line systems.

However, the occasional demand for a 'supergloss' finish will be met by moving the existing Champion press at the Yeavil plant to Crewkerne

Canada, China, India, Indone-

> exhibiting at the show. Hall 3 is being dedicated to environmental technology and trends. Around 120

sia, Japan, Taiwan, Thailand and the Bahamas will also be

exhibitors will be displaying over 2500sq m, and the Technical University of Berlin will be running seminars with environmental themes.

Of the 32 British companies attending, 12 will be on a joint national stand, coordinated by Picon, the UK Confederation of suppliers to the printing, publishing, pulp, papermaking

converting industries. For further details on the international exhibition, contact: Dusseldorf Trade Fair Agency Ltd, Charles House, 108/110 Finchley Road, London NW3 5[] - tel: 071-79 0166, fax: 071-435 9967.

EFTA elects secretary

Overall foreign exhibitors exhibitors. Companies from

of EFTA, the European Flexographic Technical Association, following the retirement of previous secretary, Jack Birch.

development trends in laminat-

Mr Bath has recently retired from Sidlaw Packaging - Colodense where he was production manager. His extensive experience of flexo and gravure printing plus his net-

work of contacts throughout the industry give him an ideal background for his new position. He will also be maintaining direct 'hands on' contact with consultancy work that takes him into print works.

The USA comes fourth on the

list of countries with 24

riano with 31.

Jack Birch has retired after ten years with the association, during which time the association has increased and held its mem-

bership of 310, despite the difficult trading times. Chairman of EFTA, Alan Ellis paid tribute to Jack by saying that everyone in EFTA realised and appreciated his work over the years: he praised his "sheer dedication, enthusiasm and integrity".

The new contact address for EFTA is: 7 Limerick Road, Redland, Bristol BS6 7DX tel/fax: 0272 246965.

nish coating machine and will he equipped with a uv drying conveyor.

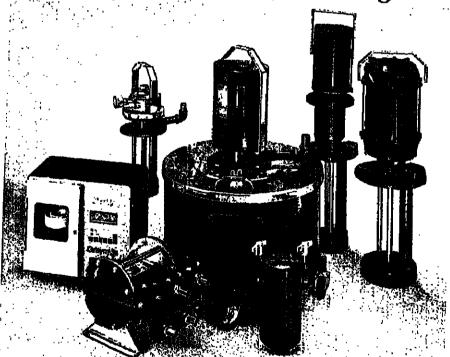
This additional plant will be dedicated totally to the food packaging market and has been ouilt providing a hygienic environment for production. Expert advice on the necessary specifications has been providby ADAS.

Mr Jackson says: "The help from ADAS has proved invaluable and our customers can be confident that all requisite provisions have been met"

The company's Yeovil facilitates will continue to handle non-food related packaging. There is room for a second press and die cutter at Crewkeme although the company is not planning one at present.



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WAN POLYREX STANE T SHIRT MACHINE
WAS POLYREX IN THE TRACKING
WAS POLYREX TWIN LAIF AUTOWICH ET
SINE WAS GARNIER BAG MACHINE
BLOWN FILM LINES

AFE - 60 MM, ROT, 250 MM DIE, 1300 MM DOWN'S IDEAM AFE - 90 MM, ROT, 380 MM DIE, 1600 MM DOWN'S TORAM

GLOENCO 3 LAVER CO EX HOPE UNE DOLCI 50 MM COMPLETE ME DOLCI 75 KV, 1300 MM DOWN STREAM, D

DOLC 13 KY, 1300 MM DOWN STREAM, TYNN WINDER
NEFEL ROTEX 40 (4)
LUTINE 45F, LDJD, IM DOWN STREAM
REFENALISER 90, 1300 MM DOWN STREAM
MACCH ESTORIOD, RC, 1993, ISXNAM OSCIL
LATING TAKE OFF, ISOMM AUTO DOUBLE
WINDER, FOR 1600M M AITO DOUBLE
WINDER, FOR 1600M M RELS
INP UNITS 22 AND 2 4 M PR
RECLAIM
FALZONI MINI 60
MYDRECLAIM UNIT
PASTORELLO 65 MM RECLAIM UNIT
PROCESS CONTROL UNIT (ASR)
1881 SINCIPL 43T LIGOS AND 1801 10

FLEXO CI
CMF MARAGE 808, 8 COL, 1450 MM, 1989
PADANE ZEUS, 6 COL, 1250 MM, 1979
PADANE ZEPHIR, 6 COL, 1250 MM, 1987
PADANE ZEOLAC, 6 COL, 1000 MM, 1987
VK 434, 47°, 36°TURRETS, 1978
WAH 738 SM, 6 COL, 1220 MM, 1879 (OVERWAH 758, 6 COL, 1220 MM, 1879 (OVERMAULED 1987)

RSCHER A KRECKE 120F. & COL. 1050 MM. 1978
BIELLONI. & COL. 1280 MM. 1982
UTECO CORAL, & COL. 1450 MM. NEW WAH 734, 4 COL. 1450 MM. 1989
MAR GALAXY. & COL. 1450 MM. 1984
FLEXO BTACK
CARRARO, & COL. IN & COL. FRAME, 1270 MM. 1971
1977
CARRARO, & COL. 52' (1130 MM). REVERSE PRINT, 1978
REVERSE PRINT. 1982
FLEXOTECNICA, & COL. 1050 MM. 1982, 1 MTR

UW/MY MAF, 4 COL, 650 MM SCHIAVI FLEXICUET, 4 COL, 1530 ARII WEB,

SCHANT FLEXCUET. 4 COL. 1930 ARI WEB, 1971
LEADERFLEX. 2 COL. INLINE. 1018 MM 1988 (SHOWNDON MACHINE)
FLEXOTECHNICA, 3 COL. IN 4 COL. FRAME
PRESS SECTION. 1800 IAN PRINT
WOLVERINE. 3 COL. 812 MM. 1200 IAN
LIAWAND & REWIND
OINAT DEPTHONN. 4 COL. 1850 MM WEB 1250
MM DIA UNIW. 1869
CARRARO 1218, 6 COL. 1050 MM, 1984
LEXOTECHNICA BETA 808, 6 COL. 1450 MM, 1988

1988 UTECO INLINE, 4 COL., 1250 MM WEB, 1990 OMAL IMUNE, 4 COL., 1800 MM WEB, 1991

DAML MOINE 4 COL. 1800 MM WEB, 1921

ROTOGRAVURE

ANDRECTTI, 8 COL. 890 MM, AUTO SPLICING,
800MJ, PACKAGING FILMS, 1970

HOLWEG, 8 COL. 810 MM, NON STOP UW/RW,
PACKAGING FILMS

ROTOMEC. 7 COL., 1080 MM, PACKAGING

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NATING LINE 800 MM POLYTYPE WET LAMINATOR, 1020 MM PRE COAT, PAPER/FOIL

POLYTYPE 'SOLVENTLESS', 1040 MM 1978

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BARMAG EXTRUSION COATING LINE BUBANI DRY LAMINATOR, FILM TO FILM, 1200 MM, CIRCA 1977

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GOEBEL DUPLEX, 1550 MM, 1970
GOEBEL W12B, 1400 MM, 1982
HARNDEN B4, 930 MM, 5HEAR CUT, SINGLE RW, NONEAT FILMS AND LAMS
ELDEC PAPER SLITTER, 1150 MM
WEB, 1000 MM UNWIND, 800 MM REWIND
TITAN 8R3, 1300 MM WEB, 1000 MM UN,
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high technology liquid inks plant for flexible packaging has been opened by Sun Chemical Georget a subsidiary of the US inks manufacturer Sun Chemical, in Nantes, France at a cost of US \$11 million.

Current production is 4000 tonnes a year, of which half is water-based inks and the other half solvent-based inks. By year end the company aims to produce 7000 tonnes of liquid inks on a variety of substrates and colours, and will start by mainly serving the French market, Benoit Glories, general manager of Georges, tells Converting World.

There are two computercontrolled dispensing systems. Once a floor technician has programmed the proper ink formula and manufacturing specifications into the computer, raw materials are automatically pumped to the assigned large or small batch blending tank where electronic sensors

Liquid inks plant opens in France



The plant: ilquid materials are transported by an elaborate system

monitor the entire blending operation. All the liquid mater ial, solvent, varnish and semifinished products are transported along 7 km of pipes, running overhead, Once completed the computer directs the transfer of the fiaished ink to the dispensing line.

Investment has been made in spectrophotometers: the company believes that in future only these automatic machines will be used due to the large memories and different ways of measuring colour.

To comply with environmental regulations the firm has installed a dust and solvent extractor and the air is changed about ten times an hour. Each extractor is connected to a mini stack from which emissions can be regulated (Sun Chemieal in the UK is at Cow Lane, Watford, Herts WD2 6PL tel: 0923 661 966, fax: 677015).

the slit-down rolls are to a high

standard of dimensional accura-

ey, says the company (Levels

House, Bristol Way, Stoke Gar-

dens, Slough - tel: 0753 825122,

fax: 694653). Construction of

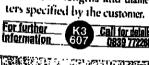
TEMA bowed rollers is from

rubber, to lengths and diame-

Roller prevents creasing

A stretcher bowed roller, available under the TEMA name from Jarshire Ltd, is said to eliminate all the creases in the web as it enters the knife area.

In operation, it applies tension evenly across the full width of the web, pulling outany crease that may have been wound into the material. It works equally well with paper, board, film, foil or laminates.





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PACKAGING NEWS/MARCH 1994



Spot the difference: Taktik Reason Recycled Gloss 80 is difficult to identify among standard laminates

Low cost label laminate

higher costs.

Speedy provision

of drive system

Fastpack control: an enormous library of pre-engineered options

EUROTHERM DRIVES

PASYPACK

A custom designed 47kw DC

drive system from Eurotherm

Drives Ltd was delivered,

installed and commissioned

within three days of order

placement to the Aerosol

Products Group of the Avon

variable speed commutator

motor failed on a 90nun rubber

extruder the decision faced by

Avon Rubber was whether to

refurbish the existing equipment

or source a new drive. As the

cold feed extruder is the princi-

pal producer of sheet rubber for

the manufacture of acrosol seal-

ing gaskets at Avon it was criti-

When a 20-year-old AC

Rubber Company.

What is described as an enviconnentally friendly alternative roll label material without a large price premium - that can be used for any primary self adhesive label job, has been launched by Samuel Jones & Co Ltd.

Called Taktik Reason Recycled Gloss 90, it is seen as an attractive option for many retail primary labelling uses where environmental issues are paramount, but the company believes it should also appeal to converters who have been deterred in the past from

choosing recycled papers because of the significantly from 20-30 per cent of one or the other to provide the correct This laminate uses low cost strength characteristics in this 90gsin product to allow good

recycled material which would otherwise be discarded, says die-cutting and waste stripping the company (Butterfly House, performance. St Neots, Huntingdon, Cambs PE19 4EE - tel: 0480 475351, fax: 475351). It is an opaque double clay coated, medium gloss paper, manufactured with 50 per cent reclaimed post industrial waste consisting of de-inked magazines.

Depending on the pulp quality, the balance of virgin

BUROTHERM DEIVES

PASTPACK

cal that the line was running

a complete new digital DC

drive system (customised to its

requirements) from the Fast-

pack range from Eurotherm in

a quicker time and at compara-

ble cost to the original motor

vides an enormous library of

at New Courtwick Lane, Lit-

tlehampton BN17 7PD - tel:

Eurotherm Drives is based

The Fastpack system pro-

being refurbished.

pre-engineered options.

0903 721311, fax: 723930.

Avon found it could source

again as soon as possible.

the laminate, different Taktik label papers were printed with the same 'Fresh Spaghetti' design and 75 per cent of label printers who viewed these examples were unable to iden-

During this introduction of

NOW AVAILABLE IN THE UK

tify the new recycled grade.

Popular pre-press event

Spring into Repro 94, the UK pre-press event, is set to be arger than last year's event. with over 20 of the UK's leading pre-press manufacturers and around 500 delegates expected to take part.

The event will take place at he Earl's Court Park Inn International, in London on April 20 and 21. Companies taking part in Spring into Repro 94 already include Agfa-

Gavaert, Aldus, Apple, Barco, British Telecom and CFC.

Unlike 1993's one-day event, Spring into Repro 94 will take place over two days in order to give delegates more time to attend fortuns and provide an opportunity to take part in breakout groups to look at subjects in depth and to view equipment.

obtained on: 0737 780150.

Course and seminar on flexo quality

EFTA, the European Flexographic Technical Association, has organised a seminar and training course on the flexoprocess which will take place in May and June, respectively.

'Improving flexo quality' is one-day seminar on 18 May at The Manor Hotel, Meriden, close to the NEC Birmingham. It is said to allow every printer to improve quality, reduce waste and maximise profit. Subjects include new types of ink, ultra fine anilox rolls, plates and their accuracy, proofing and mounting and the new generation of flexo carron presses.

A converter will also discuss new markets and quality.

ARVOR 872 CL. 1182 GGL ARVOR 872 CL. 1182 GGL ARVOR 1100 CL GUNTER EUR 1200 - PUNCH BANKS GUNTER VSK 2400 SWGUE AND ROLL BAGS. 1564 1964 LEMO UMAINO, SUITSEAU POST GUSSET:

Further details can be

. Prices are £70.50 to members and £94 to non-members including vat, while prices for the 'hands on' training course which takes place from 21-23 June will be £329 to members and £399.50 to non-members.

"Experience on presses"

This includes tuition, manuals, accommodation, meals as well as vat and will take place at the West Herts Collage, Watford Campus. Called 'Understand ing the flexo process', the training will include classroom work as well as experience on the college's Windmoeller and Mark Andy presses. Details are available from new secretary Tony Bath at 7 Limerick Road. Redland, Bristol BS6 7DX tel/fax: 0272 246965.

For further K3 Call for details information 613 0839 77228

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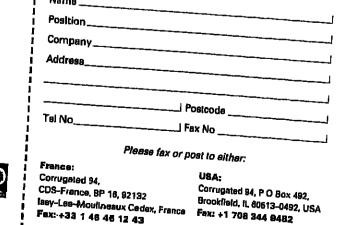
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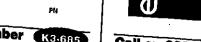
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CONVERTEX 94 will open its doors to the UK converting industry from 20-23 September 1994, at the NEC Birmingham. As well as the dedicated show itself, initiatives such as seminais and a Flexographic Conference will take place, say organisers, Reed Exhibitions (081-948 980D).

SPECTRAL TECHNOLOGY (0753 528161) has won an order for a combined uy/infra-red drying system from Kent printer, Crest Cartons which is to be fitted to a new six colour Roland 700 press with coater.

REPRESENTATIVES OF 17 British companies manufacturing and supplying technology to the printing, publishing, converting, pulp and paper industries will leave for a two-week trade mission to Majaysia and Singapare on March 19. The mission is organised by trade organisation, Picon (071-831 3803).

FLEXO
ASHAI, AJF-I 1 photopolymer platernalong
eyalem, 762mm x 1016/mm.
BIEFFEBI, V400 stereo moulder, R3 stereo

grinder, M309 proofer. COBDEN CHADWICK, LOGOFLEX, 2 col.

etack type 1250mm web width. COBDEN CHADWICK, 8 col. Cl. 918 mm

CODIEN GRADWICK, 8 col. Cl. 815 mm web width, in-line coaler. FISCHER 8 KRECKE, 12DF, 4 col. Cl 1060mm web width nm-bar. OMAT, 185, 4 col. stack type, 1650 mm web width, 1300mm dta, reels, PADANE, ZODIAC, 6 col. Cl. 1350 mm web width, rine, blades translate.

PADANE, ZEUS 6 cal. Cl., 1250mm web width. doc. blades, in-line temionalar.
PAOANE, ZEUS, 6 cal. Cl., 1250mm web

width, in-ine laminator WINDMOELLER & HOELSCHER, 734, 1450mm web width, non-step un/revind

HAMPLAIN, 8 col. 1120mm web width,

exo printing capability. HESNUT, 7 col. 940mm web width, die-

ALESNOT, 7 DO. Seurmi Yero Witch, use-culing 1800m dis. reels. CERUTTI, 2008, 8 col. 820mm web width, 1250mm non-stop un/fewind. CERUTTI, 24R, 8col. 820mm web width,

100mm nod-stop utviewind. 100mm nod-stop utviewind. GOEBEL, REGENT 820, 8 col 920mm web width, 1200mm dis. reeks. HOLWEG, H4, 7col. 820mm web width,

non stop unwind/rewind.
KOCHSIEK, 550, 4 col. 220m/n web width.
1000mm non-etop un/rewind.
ROTOMEC, ROTOPAK, 6col. 720m/n web

Unit 2, Stational Ind. Eat., Gilroyd Lane,

Tel: 0226 731418 Fax: 0226 731428

width, 1000mm non-stop un/swind.
DATWYLER, POLISHMASTER 1981.
1800mm nece, 800-1830mm repeal.
COATING AANIMATING EXTRUSION
EGAN & BLACK CLAWSON, extrusion
tines, 1050mm & 1100mm web widths.

Dodworth, Barnaley, S75 3EJ

INTERNATIONAL (8)

INTERNATIONAL MACHINERY INC.

FAUSTEL, pressure sensitive laminator,
1475mm web vadit, flexo prt.

KROENERT, PAK 820, wax laminator,
AROLLINERT, PAK 820, wax laminator,

KROENERT, PAK 520, wax taminator, 1250mm wab width, overlequering PAGENDARM, universelyPVDC/pressure sensitive laminator, 1850mm wab width. STEINEMANN & BILLHOFER sheet coatisquer machines in 8 uV drying, WINDMOELLER & HOELSCHER, VARICOATER, solventiess, 1400mm web width WORLDWIDE, taminator, 1470mm web width, non-slop unwind/rewind SLIFTING-REWINDMOESHEETING ALAN DUFFY, HAWK, simplex slitter, 920mm web width, 100080mm dia, resis. DUSENBLICY, 635 & 800, duplex & christer, this country web.

AMPF, UNIVERSAL 6F, cnit/aur skiter

1800mm web width, rezor/shear cut. SCHMUTZ, simplex affiter/rewinder, 1450mm web width, 1300/1000mm dia.

reels. TITAN 9R3, duplex slitters, 1220mm &

STRACHAN sheeters, 1000mm & 1250mm wide wide MISCELLANEOUS CROSFIELD, 150 & 160 automatic print registr controls & spares, DIXON, HEIDIMANN, embossing machines, 800mm web widns, 800mm web widn, 2mts, long, gas burner. PERKIN, 38-1500, caudboard core/tube cutter, 70/76mm dis, cores, SIKOPLAST, reclamation plant for lihermoplastic wester 9g., PET, PP.

Georgie, 30202 Tel: 404 442 9284 Fax: 404 684 0452

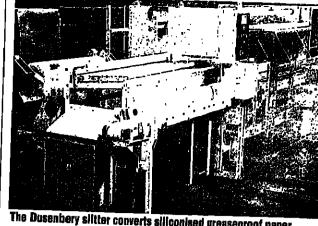
1500mm web widths. HOBEMA, JAGENBERG, STRECKER, STRACKAN sheeters, 1000mm & 1250mm

CARRONGROVE PAPER MILL. part of inveresk, is investing £500,000 in new thin stock cleaners said to ensure that a cleaner end product will reach will also facilitate planned increases in output.

FIFTEEN COMPANIES have ioined the official British Group - co-ordinated by Picon - for GEC 94, the international exhibition for the paper, printing, publishing and converting industries taking place from 4-11 June, in Milan. Over 700 exhibitors will greet visitors to this italian show.

FAUST, leading supplier of thermographic powder and equipment, has reported an increase in demand for its pearlescent range of powders since they were seen at Ipex. Users are said to be attracted by the low cost compared to metallic powders and inks, says the compa-

THE WALL GROUP, Austria's largest packaging printer, has installed two sheet fed presses from KBA-Planeta (0923 819922). A Varimat VL97, with nine printing units, has been installed at Wall's headquarters in Graz and includes a flexo station and varnishing tower.



Slitter clinches Swedish order

A valuable export order was clinched when a party of Swedish papermakers visited the Scottish mill of Tait Paper to see a specialised Dusenbery slitter in action.

The machine was running at 450m a minute, turning out eight plain paper copy rolls every fifty seconds with no operator input.

The visitors had come from the Peterson (ex Billeruds Bruk) mill at Seffle, one of the world's leading manufacturers of greaseproof paper, to find a slitter able to handle baking papers with silicone release coatings on both sides, automatically and at speed.

As well as guaranteeing high output of material that is slippery and difficult to convert, the machine had to match the automation of a packing line with robotic roll handling and automatic film wrapping, palletising and shrinkwrapping.

The Model 613 paper roll slitter with automatic core loading, start up, cut off and ejection of slit rolls onto an off-load conveyor met these demands, says the company (Shuttleworth Road, Bedford tel: 0234 3495<u>61,</u> fax: 261844).

For further K3 Gall for data lintermation 615 0839 77228

Corrugated exhibition

the first event exclusively dedpresent, including Actna UK cated to the needs of the Ltd, CMC Europe Ltd, world's corrugated board and Kirby's Converting Machinery oxmaking industries, Corruand Unico UK. gated 94, will be held at Paris Visitors to Corrugated will Nord Villepinte from 20 to 25 June, with exhibitors from 22 countries, and will show prod-

Organised by Reed Exhibi-

tion Companies the Paris exhi-

supply companies from around

the world covering corrugated

case raw materials though cor-

rugating, converting, materials

handling to waste extraction

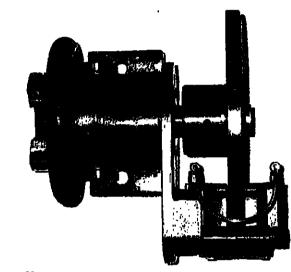
The UK is well represented

at the event by 62 companies at

not only find an international and totally representative trade exhibition but will also view a ucts and technology for corrunumber of features examining gated board manufacture and industry issues and celebrating achievements with corrugated such as an Art and Corrugated bition will feature some 290 For information contact

Jane Harris, sales and marketing director, Reed Exhibition Companies (Oriel House, The Quadrant, Richmond, Surrey TW9 1DL - tel: 081-948 9991, fax: 081-948 9877).

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Alance-Alamatic safety chucks carry roll weight up to 100kg

Heavy duty safety chucks

SPECIALIST ADHESIVE

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PRODUCTS

ADHESIVE BONDING (Sellotapi

APPLICATIONS P.S. ADHESIVE

A range of safety chucks that can carry a roll weight up to 100kg has been introduced by Alanco-Alamatic Ltd.

The product is wound onto a round bar with 40mm square ends. These ends drop onto the chuck jaws and the handwheel closes over the bar as soon as

the product reel is turned through 85deg. The chuck will only open at its safe position for loading, says the company (Wilton Street, Denton, Manchester M34 3WI) - tel: 061-336 4702, fax: 061-335 0100).

For further K3 Call for detail information 617 0839 77226

Velcro®

12-gun control Up to 12 adhesive guns can be ing machines, explains Chancel (based at Units 3/4, Redbrook Lane Industrial Estate, Brereton, Rugeley, Staffs WS15

CONVEKTING

ADHESIVES

Applicator systems that link directly to

the computer controls of host carton

making machines and a cross-linking

material the look, feel and smell of

leather are among developments

A Chancel Red Box controller fitted to a Grassi folder/gluer

adhesive that gives a luxury packaging

controlled from the Red Box glue extrusion unit introduced by Chancel Adhesives Systems to provide adhesive patterns on folder-gluers or case-making machines.

Microprocessor controlled, the Red Box offers pattern combinations that include single and multiple lines, dots or stitches, all of which can be stored in the memory for instant recall for a repeat job. together with automatic purge cycle instructions if required.

Specific patterns can also be set automatically with information downloaded from the computer control systems of host folder-gluers or case-mak-

1QU- tel: 0889 570020, fax: 0889 579253). Also introduced is a glue

detection system to monitor position, length and volume of applied adhesive.

Set-up is via a self-learning process in which the system memorises the glue pattern, volume and position from four correctly glued cases passed through the machine. Errors are detected automatically and rejects ejected by a kicker arm or marked with ultra-violet ink.

Dusseldorf Trade Fair Agency Ltd., Charles House, 108/110 Finchley Road, London NW3 5JJ Tel.: 071-7940166, Fax: 071-4359967 Fast-clean extruder

A three-way valve is incorporated in the Copar Model DGSC digital glue extrusion system to reduce clean-up time by allowing the unit to be flushed through with water in a matter of seconds, according to supplier Westley Packaging Machinery.

Available to operate on all types of folder-gluer, the system is said to be capable of halving adhesive consumption compared with glue wheel arrangements and incorporates an electronic pressure control allowing the same amount of glue to be applied at all speeds, explains Westley (Market Square, Rugeley, Staffs WS15

2BL - tel: 0889 586521, fax 0889 575149).

There is also a spring loaded roller system that automatically adjusts to board caliper, minimising drag and preventing risk of skewing or jams.

Westley now also supplies the Copar AMS Adhesive Monitoring System, that verifies application of the correct adhesive quantity.

Self-calibrating, the automatically compensates for different board materials and moisture levels, marking defective cases and cartons with water or dye, also sounding an alarm.

splice

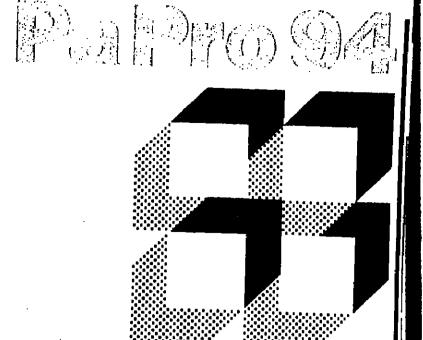
Polyester tape with a two side coating of silicone adhesive has been introduced by Sellotape GB, which is suitable for splic-

ing silicone release papers. Supplied interleaved with

corrugated pvc liner, the tape offers resistance to high temperatures and good shear properties, says the company (The Woodside Estate, Dunstable, Beds LU5 4TP - tel: 0582 478111, fax: 0582 471085).

For further K3 Gall for details

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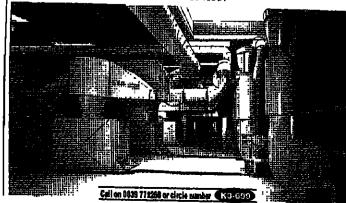
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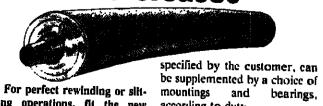


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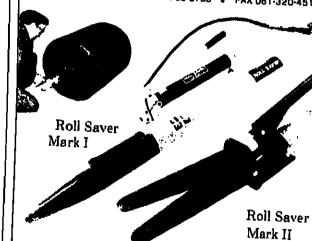
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Side-seam system for carton gluers

A side-seam cold pva gluing system has been developed by Paira to replace the bottom glue pot of most carton foldergluers with an all-electric Series 22 adhesive gun, operating upside-down.

Non-contact in operation, the 22 gun can be equipped with a nozzle tip scaling device to prevent adhesive drying on the nozzle during machine stoppage, avoiding the need for frequent cleaning.

"The fact that the gun does not need to brush the substrate means that setting by the operator becomes much easier, particularly on products where the

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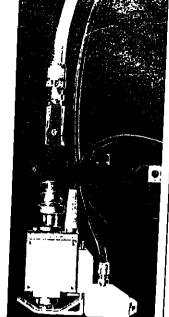
SLITTER REWIND OPTION

HIGH SPEED CONVERSION

paper or board is folded, creating differing thicknesses underneath the gun," says Pafra (Bentalls, Basildon, Essex SS14 3BU - tel: 0268 280606, fax: 280904).

Adhesive feed is via a pressure tank or pump while electronic controllers are also available for a wide range of carton-making applications. These include crashlock, four and six corner, double sidewall and the pattern gluing required for integral firments or complex carton designs, according





Pafra's Series 22 cold glue gun: suits side-seem work

Leather look and smell Polymethane technology develremperatures of 70-90deg C oped by Latent Bondings has and embossing if required for a been used by the company to grained finish or other relief

rated in a composite film. Laminated to substrates such as board or pve, Latent Bondings' Letheron gives a leather look to cosmetics, toiletries and other luxury packaging but, unlike completely synthetic products, is said to retain the smell of leather.

allow real leather to be incorpo-

The Letheron film - which can also be coated directly onto packaging materials relies on Latent Bondings' Latent Crosslinking Adhesive, that allows a range of materials such as wood, paper and cloth to have the finish of leather.

"There are companies in the Far East and Europe produc-After laminating at process ing microfibre and coagulated

substrates to give the soft handling characteristics to simulate leather. However, although these substrates can be coated with polyurethane finishes, I they lack the final characteristic unique to Letheron: 4 leather smell," says Latent Bondings (which is based at Adini House, Wolverhampton Road, Wedges Mills, Cannock, Staffs WS11 IST - tel: 0543 574285 fax: 571282).

The company can supply Letheron in reels up to 1500mm wide and is currently licensing the process on a worldwide basis. Particular interest has been shown from Far East converters.



Spooled tapes last longer

design - the bond is made per-

manent by heating to 120deg

C, crosslinking and thermoser-

ting the film surface. This can

then be ultrasonically welded,

foil blocked or printed, and cut

"The unique

characteristi

of Letheron

is its smell."

and creased for earton-making.

A spooling system that allows narrow adhesive tapes to be rewound in lengths typically five to ten times greater than pancake reels has been developed by Double R Controls to reduce downtime in both converting and on the packaging machines that use the tane.

Applications for the rewound spools include adhesive tape used to seal open top cans, tear tapes and multipack carrying handles.

"For example, 10mm adhesive tape conventionally wound in 60 metre lengths can be spooled on a 100mm wide core to give 4,000 metres, reducing the number of changeovers required considerably," explains Double R Controls (Heywood Business Park,

New

guns

established

from

experts

Pilsworth Road, Heywood, Lanes OL10 2SJ - tel: 0706 623625, fax: 366881).

The spooling equipment employs a transverse winding mechanism that avoids the use of mechanical fingers to guide product onto the spool, so eliminating edge contact and risk of damaging delicate materials, says the company.

"Winding profiles"

Winding profiles are programmable via a computer interface to suit the material handled, giving a range of options from the more traditional overlap method to step-and-repeat winding. Phis, according to Double R Controls, is most suited to sensitive materials.

The company has also developed unwind equipment to handle spooled tapes on packaging and other production machinery.



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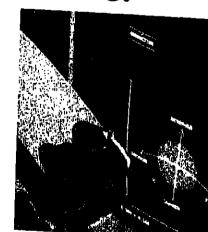
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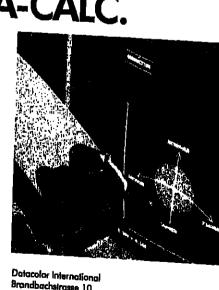
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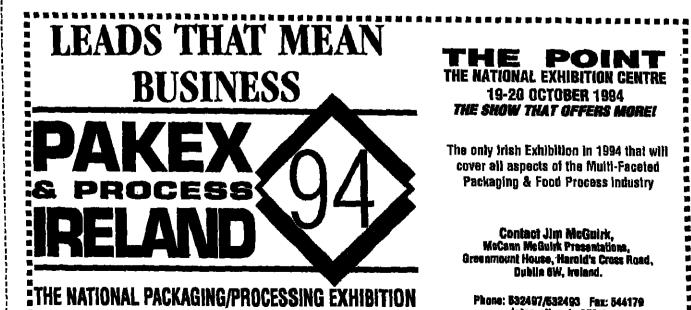
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